**Computer Lab - Practical Question Bank**
**FACULTY OF COMMERCE, OSMANIA UNIVERSITY**

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*B.Com (All Streams) CBCS Semester - I  W.E.F.2016-17*

**INFORMATION TECHNOLOGY**

Time: 60 Minutes

Record    : *10*
Skill Test    : 15
Total Marks   : 25

**MS DOS & Windows Operating System:**
**1.** Create Directory – College
  Sub Directory – Course
  Sub Directory - Commerce and files in it – B.Com, B.A, B. Sc

**2.** Create a Directory  - Market
  Sub Directory – Vegetables and files tomato and potato – rename potato as
        Potatoes and delete the file potato
  Sub Directory - Fruits and files mango and apple

**3.** Create a Directory – Subject
  Sub Directory – Computers and file FIT – Create a Copy as Information Technology.

**4.** DOS- Commands (Internal & External)
**5.** DOS- using wild card characters
**6.** Windows – Control Panel - Using multiple windows  - Customizing the Desktop

**MS POWERPOINT:**
**7**. Create 6 Slides using different slide layouts - describing about your College.

**8**. Create 4 Slides on annual day of your college and  perform  the following:
- Give Header and Footer
- Give Background Color
- Insert Picture from Clip Art
- Insert Slide Numbers

**9.** Create 5 Slides on "Importance of Computers" and apply Design Templates

**10.** Create 5 Slides on "No Smoking" and apply different Slide Transitions for all the slides.

**11.** Create 5 Slides on "Polio immunization" and execute the following by using Action Buttons
  for all the slides to link them

a. Link first slide with the third
b. Link second slide with fifth
c. Link third slide with fourth

**12.** Create 4 Slides on "Traffic Rules" and apply different Custom Animation Schemes

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**13.** Create 5 Slides on "Syllabus structure" using different slide layouts and show only 3 slides (without using Delete option)

**14** Create 3 Slides on "Plant tress and protect Nature" and each slide should have a Comment.

**15** Create two files on "Clean & Green" and "No Smoking" in MS PowerPoint and hyperlink them with each other.

**16** Create 2 Slides on "Traffic Rules" and on "Avoid Cell Phone Driving" duplicate the first slide four times and delete one of the Duplicated slide.

**17** Create 5 slides on "Students are future citizens of our country" using different Formatting options and show them in Slide Sorter View.

## MS WORD:

**18.** Using Mail Merge, write a letter inviting 5 friends to your Birthday Party.

**19.** Type the following matter

Features of Computers    (underline, caps, bold, font size=18)
Accuracy
Speed
Efficiency
Multi-tasking

Give numbers to the above features and Background as Pink

**20.** Create a Macro Program with your own data and run it.
**21.** Create a document and insert Page Numbers, Date and Time and a Picture.
**22.** "Indian Economy is growing faster" – type it and insert a comment for the word "Economy".
**23.** Create a document and give 5 Footnotes.
**24.** Create files on "Leave Letter" and "Love Letter" and apply different Themes.
**25.** Create a Table containing student's marks and sort in ascending order.
**26.** Create a Table in word file and apply Auto Formatting.
**27.** Insert 4 Bookmarks in a file and use Go To Bookmark option.

## MS EXCEL:
**28.** Apply Auto formatting for the following Table and find total by using Auto Sum option.

| Roll No | Name | QT | FIT | IOM |
|---------|----------|----|-----|-----|
| 101 | Radhika | 50 | 90 | 80 |
| 102 | Sarika | 60 | 80 | 60 |
| 103 | Geethika | 50 | 70 | 75 |
| 104 | Bhoomika | 80 | 60 | 80 |
| 105 | Karthika | 84 | 57 | 84 |

**29.** The following are the marks obtained by the students of B.Com in three subjects:

| Roll No | Name | QT | FIT | Accounts |
|---------|------|-----|-----|----------|
| 1011 | Pravalika | 50 | 90 | 80 |
| 1012 | Aryaman | 40 | 80 | 60 |
| 1013 | Akrosh | 38 | 70 | 75 |
| 1014 | Prajaktha | 80 | 60 | 68 |
| 1015 | Trisha | 84 | 57 | 84 |

Using Conditional Formatting list out students who scored
a) Less than 50 in QT       b) More than 65 in FIT       c) Between 60 and 80 in Accounts.

**30.** The following are the marks obtained by the students in three different subjects. Draw a Bar Diagram:

| Roll No | Name | QT | FIT | Accounts |
|---------|------|-----|-----|----------|
| 1011 | Pravalika | 50 | 90 | 80 |
| 1012 | Aryaman | 40 | 80 | 60 |
| 1013 | Akrosh | 38 | 70 | 75 |
| 1014 | Prajaktha | 80 | 60 | 68 |
| 1015 | Trisha | 84 | 57 | 84 |

**31.** Type the following table and find out the total marks and average obtained by each student:

| Roll No | Name | Economics | Banking | Marketing |
|---------|------|-----------|---------|-----------|
| 1 | Ajay | 50 | 90 | 80 |
| 2 | Vijay | 40 | 80 | 60 |
| 3 | Arnay | 38 | 70 | 75 |
| 4 | Prathista | 80 | 60 | 68 |
| 5 | Bhoomi | 84 | 57 | 84 |

**32.** From the table given below, reduce the total expenditure to Rs.16000 by reducing sales department's expenditure by applying Goal seek.

| Department | Expenditure Rs. |
|------------|-----------------|
| Production | 4000 |
| Sales | 6000 |
| Marketing | 3000 |
| Finance | 5000 |
| Total Expenditure | 18000 |

**33.**  Principal Amount : 2, 00,000
Rate of interest    : 5%
Time period        : 10 years
Amount to be paid: ?

From the above, calculate the amount payable per annum and also show the effect on amount by changing: a) Rate of Interest to 3% and 8%; b) Time period to 5 Years and 3 Years.

**34.** Employee Name   Department         Salary Rs.

| Employee Name | Department | Salary Rs. |
|---|---|---|
| A | Sales | 3000 |
| B | Accounts | 4000 |
| C | Marketing | 5000 |
| D | Sales | 6000 |
| E | Accounts | 4000 |
| F | Marketing | 8000 |

Obtain Department-wise Subtotals.

**35**. Employee Name   Department         Salary Rs.

| Employee Name | Department | Salary Rs. |
|---|---|---|
| A | Sales | 3000 |
| B | Accounts | 4000 |
| C | Marketing | 5000 |
| D | Sales | 6000 |
| E | Accounts | 4000 |
| F | Marketing | 8000 |

Prepare Pivot Table.

**36** (A). The following are the salaries of five employees:

| Pay Roll No | Name | Salary Rs. | Part time Rs. | Accounts |
|---|---|---|---|---|
| 1011 | Prasanna | 10000 | 900 | 1800 |
| 1012 | Anitha | 14000 | 800 | 1600 |
| 1013 | Ravi | 18000 | 700 | 1700 |
| 1014 | Saritha | 15000 | 600 | 1600 |
| 1015 | Mallika | 17000 | 500 | 1800 |

Using Conditional Formatting, list out employees who got
a) Less than Rs. 15000 as salary       b) More than Rs. 700 as Part time
c) Between Rs. 1600 and Rs. 1800 as Arrears.

**37.** (B) The following are the marks obtained by the students in three different subjects. Draw a Pie Diagram:

| Roll No | Name | QT | FIT | IOM |
|---|---|---|---|---|
| 101 | Radhika | 50 | 90 | 80 |
| 102 | Sarika | 60 | 80 | 60 |
| 103 | Geethika | 50 | 70 | 75 |
| 104 | Bhoomika | 80 | 60 | 80 |
| 105 | Karthika | 84 | 57 | 84 |

**INTERNET:**

**38.** Download a File on "Internet" from a website by using a search engine.

**39.** Select two electronics items by e-shopping.

**40.** Book Online Tickets to Chennai.

**41.** Using Search Engine, down load information on Benefits of Yoga.

**42.** Open an email account in your names as Rohit in gmail/yahoomail/hotmail.

**43.** Write e-mail to Pradip by marking a blind copy to Priya.

**44.** Download information about greatness of Himalayas for tourism interest.

**45.** Create an electronic greeting card with personal remarks and pictures.

**46.** Write a congratulating letter to your friend on his promotion using emotions.

**47.** Download research articles on "Information technology Applications" and save as doc. Files.

**48.** Download two image file relating to E-commerce

**49.** Search & download two audio files relating to Information technology

**50.** Download PDF file for IT securities

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# Computer Lab - Practical Question Bank
## FACULTY OF COMMERCE, OSMANIA UNIVERSITY
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### MANAGEMENT INFORMATION SYSTEM PRACTICAL QUSTION BANK

Time: 60 Minutes

Record      : _10_
Skill Test   : _15_
Total Marks  : 25

**MS ACCESS:**

1. Create a Student Table in MS-Access with the following features:
   a. Roll Number
   b. Student Name
   c. Class
   d. Marks in Subject 1, Subject 2, Subject 3
   e. Total
   f. Average
   g. Result

2. Create a Personal Information table in MS-Access with the following fields:
   a. First Name
   b. Middle Name
   c. Last Name
   d. Nationality
   e. Gender
   f. Temporary Address
   g. Permanent Address. Generate a Form and Report.
3. Create an Inventory table in MS-Access with fields:
   a. Poduct ID
   b. Product Name
   c. Product Quantity
   d. Product Price

4. Create a database 'College' and table ''Student'. The following are the details of the table:

| Number | Fname | Lname | Address | Home phone | Joining date |
|--------|-------|-------|---------|------------|--------------|
| 101 | Ram | Prasad | 11-1-963/A, Banjara Hills, Hyderabad | 040-23343256 | 02/06/2016 |
| 102 | Shyam | Singh | 12-1-254/B, Sultan Bazar, Hyderabad | 040-23345679 | 05/06/2016 |
| 103 | Ankur | Agrawal | 11-2-667/A, Vidhya Nagar, Hyderabad | 040-23358796 | 03/06/2016 |
| 104 | Ramesh | Sharma | 10-2-340, Road No.12, Banjara Hills, Hyderabad | 040-23389745 | 04/06/2016 |
| 105 | Harish | Shekhawat | 15-4-633/A, Begum Bazar, Hyderabad | 040-23356486 | 02/06/2016 |

5. Create a database 'Student'. Also create table 'studtable' and execute the following queries

| SRollno | Sname | English | SL | FA-I | BE | BOM | IT |
|---------|----------|---------|----|------|----|-----|----|
| 101 | Rajendra | 75 | 85 | 90 | 85 | 86 | 90 |
| 102 | Arvind | 88 | 75 | 95 | 80 | 82 | 85 |
| 103 | Krishna | 89 | 77 | 82 | 78 | 82 | 86 |
| 104 | Harish | 75 | 72 | 70 | 65 | 60 | 77 |
| 105 | Rajesh | 86 | 85 | 81 | 80 | 89 | 90 |

a) Sort the data by Sname.
b) Calculate Total Marks of Individual Students.
c) Calculate Percentage Marks of Individual Student.

**6.** Create a database 'Student1'. Also create table 'stdtable' and execute the following queries

| SRollno | Sname | English | SL | FA-I | BE | BOM | IT |
|---------|----------|---------|----|------|----|-----|----|
| 101 | Rajendra | 75 | 85 | 90 | 85 | 86 | 90 |
| 102 | Arvind | 88 | 75 | 95 | 80 | 82 | 85 |
| 103 | Krishna | 50 | 52 | 58 | 50 | 53 | 54 |
| 104 | Harish | 52 | 55 | 51 | 56 | 57 | 59 |
| 105 | Rajesh | 86 | 85 | 81 | 80 | 89 | 90 |

a) Display all Students who got >=80 Marks in Any Subject.
b) Display all Students who got >=80% Marks in Total.
c) Display all Students who got <=60% Marks in Total.

**7.** Create a database 'Student2'. Also create table 'stdmarks' and execute the following queries

| SRollno | Sname | English | SL | FA | BE | BOM | FIT |
|---------|----------|---------|----|----|----|-----|-----|
| 101 | Rajendra | 22 | 20 | 23 | 20 | 23 | 20 |
| 102 | Arvind | 20 | 21 | 20 | 23 | 20 | 20 |
| 103 | Krishna | 50 | 52 | 58 | 50 | 53 | 54 |
| 104 | Harish | 52 | 55 | 51 | 56 | 57 | 59 |
| 105 | Rajesh | 86 | 85 | 81 | 80 | 89 | 90 |

a) Display All the students who got <25 in individual subject.
b) Display all the students who are Failed in individual Subject.
c) Increase marks by adding 5 marks whose marks are <25.

**8.** Create a database 'Student3'. Also create table 'stdmarks1' and execute the following queries

| SRollno | Sname | English | SL | FA | BE | BOM | FIT |
|---------|----------|---------|----|----|----|-----|-----|
| 101 | Rajendra | 90 | 95 | 92 | 90 | 88 | 90 |
| 102 | Arvind | 48 | 52 | 48 | 50 | 53 | 54 |
| 103 | Krishna | 85 | 88 | 89 | 85 | 95 | 90 |
| 104 | Harish | 12 | 10 | 15 | 12 | 10 | 15 |
| 105 | Rajesh | 60 | 66 | 75 | 77 | 65 | 79 |

a) Update table by adding Grade as per the following:-
    i.    Total %age >=90%    Grade "E"

ii.    Total %age >=75%    Grade "A"
iii.    Total %age >=60%    Grade "B"
iv.    Total %age >=50%    Grade "C"
v.    Total %age >=36%    Grade "D"
vi.    Total %age <36%    Grade "F"

**9.** Create 'Employee' database and table 'Emp'

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|-------|-------|-------------|--------|-----|--------------|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

a) Calculate DA as 40% of Basic Salary.
b) Calculate Hra as 15% of Basic Salary.
c) Calculate PF as 12.67% of Basic Salary
d) Calculate Gross Pay = Basic Salary + DA + HRA
e) Calculate Net Pay = Gross Pay – PF.

**10.** Create 'Employee1' database and table 'Emp1'

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|-------|-------|-------------|--------|-----|--------------|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

a) List all the Employees Who are working in Dept no.10
b) List all the Employees who get less than 20000 Salary.

**11.** Create 'Employee2' database and table 'Emp2'

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|-------|-------|-------------|--------|-----|--------------|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

a) Update Salary by adding the increments as per the following:-
   a. 10% Increment in Basic Salary who get < 20000
   b. 5% Increment in Basic Salary who get >20000.

**12.** Create 'Employee3' database and table 'Emp3'

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|-------|-------|-------------|--------|-----|--------------|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

Generate the query to find out the following:-
a) Total Salary paid by the Company to Employees
b) Maximum Salary paid by the Company to Employees
c) Minimum Salary paid by the Company to Employees

**13.** In the following table find out the Followings:
   a. All the Department Nos and Employees Names.
   b. All the Employees who joined in year 2001.

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|-------|-------|-------------|--------|-----|--------------|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

**14.** Create 'Course' database and 'Coursedtl' table having following records:-

| SRollno | Sname | Course | Section | Medium | College | Total Fees |
|---------|-------|--------|---------|--------|---------|------------|
| 101 | Rajendra | B.Com | General | English | ABC | 5500 |
| 102 | Arvind | B.Com | General | English | PQR | 15000 |
| 103 | Krishna | B.Com | General | Telugu | ABC | 5500 |
| 104 | Harish | B.Com | General | Telugu | PQR | 7500 |
| 105 | Rajesh | B.Com | Computers | English | ABC | 15000 |
| 106 | Harish | B.Com | Computers | English | PQR | 25000 |

a) Prepare the report to display lowest course fees with college name.
b) Prepare the Report to display all students who are pursuing B.Com(Computers).

**15.** In the following table generate the queries for the followings:-
   a. Display the Course and College having Lowest Course Fees.
   b. Display all the courses pursuing by the PQR College.

| SRollno | Sname | Course | Section | Medium | College | Total Fees |
|---------|-------|--------|---------|--------|---------|------------|

| | | | | | | |
|---|---|---|---|---|---|---|
| 101 | Rajendra | B.Com | General | English | ABC | 5500 |
| 102 | Arvind | B.Com | General | English | PQR | 15000 |
| 103 | Krishna | B.Com | General | Telugu | ABC | 5500 |
| 104 | Harish | B.Com | General | Telugu | PQR | 7500 |
| 105 | Rajesh | B.Com | Computers | English | ABC | 15000 |
| 106 | Harish | B.Com | Computers | English | PQR | 25000 |

**16.** Create a  Library Database of your college having following fields and enter atleast 30 records in it:-

| Field Name | Description |
|---|---|
| BookCode | Primary Key |
| BookTitle | Subject Name |
| Publisher | Book Publisher Name |
| No.of.Copies | Quantity in one Invoice |
| No.ofPages | Total Pages in book |
| Edition | Book Printing Edition |

**17.** From the College Library database find out the following:-
   a. Total no. of copies of books subject wise.
   b. A report displays all books group by Publisher.
   c. A report displays all books group by Book Title.
   d. A report displays all books group by Book Edition

**18.** Create the 'Order' database and a table "Orderdtl" having following records:-

| Order No | Order Date | Order Item | Order Qty | Order Price | Client Code | Delivery Type | Order Status |
|---|---|---|---|---|---|---|---|
| 1011 | 12/02/2015 | LED Monitors | 100 | 7500 | 1025 | Road | Delivered |
| 1012 | 25/02/2015 | Printers | 75 | 8500 | 1025 | Road | Delivered |
| 1013 | 25/03/2015 | CPU | 100 | 15000 | 1045 | Road | Delivered |
| 1014 | 31/03/2015 | LED Monitors | 75 | 6500 | 1045 | Road | Not Delivered |
| 1015 | 31/03/2015 | CPU | 75 | 18000 | 1025 | Road | Not Delivered |

Generate the following reports from the above table:-
   a)        Display all the Order No. which have not been yet Delivered.
   b)        Display all the Orders of LED Monitor and CPU.
   c)        Display all the Orders of LED Monitor and CPU which are not have been delivered yet.

**19.** Create a a 'Sales' Database and a table 'Salesdtl' having following fields and data:-

| SalesNo. | Salesman Code | Salesman Name | Branch | Sale Amount |
|---|---|---|---|---|
| 1011 | 101 | Arvind | Jaipur | 75000 |
| 1012 | 102 | Ashok | Jaipur | 80000 |
| 1013 | 103 | Harish | Hyderabad | 75000 |
| 1014 | 104 | Manish | Hyderabad | 65000 |

| 1015 | 105 | Krish | Secunderabad | 78000 |
|------|-----|-------|--------------|-------|

**20.** Generate the queries to find out the followings from the above 'Sales' Table:
   a) Total sale of all the Branches.
   b) Total sale group by Branches.
   c) Maximum sale of individual branch.
   d) Maximum sale in all branches.

**21.** Create an 'Stock' database having an 'Inventory' Table as per the followings:-

| ProductCode | Product Name | Purchase Quantity | Purchase Price (Per Unit) |
|-------------|--------------|-------------------|---------------------------|
| 1011 | CPU | 200 | 15000 |
| 1012 | Monitor | 100 | 7500 |
| 1013 | Printer | 75 | 5500 |
| 1014 | UPS | 200 | 3500 |
| 1015 | Speakers | 200 | 250 |

**22.** Generate the following queries from the above 'Inventory 'Table:-
   a) Item wise total purchase price.
   b) Display new purchase price after adding 15% increase in purchase price.
   c) Display new Purchase quantity after deducting 5% from the quantity

**23.** Create a 'Stock' database having 'Inventory' table:-

| Item Code | Name of the Item | Opening Stock (In Qty) | Purchase ( In Qty) | Sales (In Qty) |
|-----------|------------------|------------------------|--------------------|----------------|
| 1011 | CPU | 200 | 150 | 300 |
| 1012 | Monitor | 100 | 100 | 150 |
| 1013 | Printer | 75 | 150 | 125 |
| 1014 | UPS | 200 | 300 | 400 |
| 1015 | Speakers | 200 | 250 | 350 |

Generate the following queries from the above table:-
   a) Calculate the closing stock of each item (Closing Stock = Opening Stock + Purchase – Sales)
   b) Display all the Items which has closing stock < 100
   c) If closing stock is less than 100 then set the remark as "Re-Order Level" otherwise "Enough Stock".

**24.** Create a database 'Student2'. Also create table 'stdmarks' and execute the following queries

| SRollno | Sname | English | SL | FA | BE | BOM | FIT |
|---------|-------|---------|----|----|----|-----|-----|
| 101 | Rajendra | 22 | 20 | 23 | 20 | 23 | 20 |
| 102 | Arvind | 20 | 21 | 20 | 23 | 20 | 20 |
| 103 | Krishna | 50 | 52 | 58 | 50 | 53 | 54 |
| 104 | Harish | 52 | 55 | 51 | 56 | 57 | 59 |

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| 105 | Rajesh | 86 | 85 | 81 | 80 | 89 | 90 |
|-----|--------|----|----|----|----|----|----|

a) Display All the students who got <25 in individual subject.
b) Display all the students who are Failed in individual Subject.
c) Increase marks by adding 5 marks whose marks are <25.

**25.** Create a Personal Information table in MS-Access with the following fields:
    a. First Name
    b. Middle Name
    c. Last Name
    d. Nationality
    e. Gender
    f. Temporary Address
    g. Permanent Address. Generate a Form and Report.

**26.** Create a table (student) in access with (name,fathername,gender,DOB,phno,address) . insert 10 records.

**27.** Create a FEE table in access with (name,category,course/group,year, fees,)insert 10 records . add new column concession. Write a query to calculate concession.
calculate concession=fee*20/100; when category is NCC/NSS/GIRL

**28.** Create a table (person) in access with name,phno,email-id and address . insert 10 records.
Create a query to display email id,phno and address when user gives name.

**29.** Create a SALES table in access with (ID,productname,quantity,salesrate,commission,tax)insert 10 records . add new column affiliate earnings. Write a query to calculate affiliate earnings.
calculate affiliate earnings=(quantity*salesrate)+commission-tax.

**30.** Create a database Club and table Member. The following are the details of the table.

| Number | Fname | Lname | Address | Home phone | Joining date |
|--------|-------|-------|---------|------------|--------------|
| S1465T | Jone | Johnson | 1234 Country Club Texas | (713)-555-7890 | 01-02-04 |
| J1050S | Bill | Smith | 1112 Peter Avenue Texas | (713)-556-6556 | 30-11-04 |
| S1300T | Lisa | Stanley | 985 Venton Circle Texas | (713)-558-1227 | 11-11-04 |

**31.** Create a employee database and table 'emp'.

| Emp.No | Ename | Job | DOJ | Basic | Deptno | Sex | Due prom |
|--------|-------|-----|-----|-------|--------|-----|----------|
| 101 | Ajya | Clerk | 17-12-01 | 6000 | 20 | Male | |
| 102 | Arvind | Salesmen | 20-02-02 | 5000 | 30 | Male | |
| 103 | Rahul | Salesmen | 22-03-01 | 5500 | 20 | Male | |
| 104 | Rehman | Manager | 01-04-01 | 12000 | 40 | Male | |
| 105 | Sahil | Manager | 20-09-02 | 11500 | 10 | Male | |

**32.** Create a database 'Student'. Also Create table 'stdtable'& execute the following.

| SRoll no | Sname | Class | State | DOB | Marks | Grade |
|----------|-------|-------|-------|-----|-------|-------|
| 101 | Raj | B.Com-I | AP | 21-09-82 | 80 | A |
| 105 | Ram | B.Com-II | MP | 31-08-81 | 70 | B |
| 104 | Rakesh | B.Com-III | UP | 30-06-80 | 90 | A |
| 103 | Ramesh | B.Com-II | AP | 25-07-82 | 38 | C |
| 105 | Rajesh | B.Com-I | MP | 02-02-83 | 45 | C |

a) Sort the data by SRoll no.
b) Display SRoll no., Sname, State and Marks where marks > 80.
c) Display SRoll no., Sname, State and Marks where Grade = A.

**33.** create 'employee database and table 'emp' create a Report.

| Emp.No | Ename | Job | DOJ | Basic | Deptno | Sex | Due prom |
|--------|-------|-----|-----|-------|--------|-----|----------|
| 101 | Ajya | Clerk | 17-12-01 | 6000 | 20 | Male | |
| 102 | Arvind | Salesmen | 20-02-02 | 5000 | 30 | Male | |
| 103 | Rahul | Salesmen | 22-03-01 | 5500 | 20 | Male | |
| 104 | Rehman | Manager | 01-04-01 | 12000 | 40 | Male | |
| 105 | Sahil | Manager | 20-09-02 | 11500 | 10 | Male | |

**34.** create a database 'Library' and create a table as 'Books' and execute the queries given below:

| Author Lname | Author Fname | Book title | Book type | Year of publication |
|--------------|--------------|------------|-----------|---------------------|
| Gupta | Sharma | Management Accounting | Accounting | 2002 |
| Nain | Patel | Financial | Accounting | 2000 |
| Reddy | Ram | Corporate accounting | Accounting | 1990 |

a) Display Book title, Book type, author name where author = Ram and book type = Accounting.
b) Display Author Fname, Book type year of publication where year above 2000.

**35.** Create Business table by using Design Wizard with year own data (atleast 6 fields and 10 records)

**36.** Create Personal table by using Design Wizard with your own data (atleast 6 fields and 10 records)

**37.** Create 'Student database table 'and also create a Report .

| SRoll no | Sname | Class | State | DOB | Marks | Grade |
|----------|-------|-------|-------|-----|-------|-------|
| 101 | Raj | B.Com-I | AP | 21-09-82 | 80 | A |
| 105 | Ram | B.Com-II | MP | 31-08-81 | 70 | B |
| 104 | Rakesh | B.Com-III | UP | 30-06-80 | 90 | A |
| 103 | Ramesh | B.Com-II | AP | 25-07-82 | 38 | C |

| 105 | Rajesh | B.Com-I | MP | 02-02-83 | 45 | C |

**38.** Create 'Student database table 'and also create a Report .

| SRoll no | Sname | Class | State | DOB | Marks | Grade |
|----------|--------|----------|-------|----------|-------|-------|
| 1 | Rajesh | B.Com-I | AP | 21-09-84 | 81 | A |
| 2 | Ramesh | B.Com-II | MP | 31-08-85 | 72 | B |
| 3 | Rakesh | B.Com-III | UP | 30-06-89 | 90 | A |
| 4 | Suresh | B.Com-II | AP | 25-07-82 | 36 | B |
| 5 | Vignesh | B.Com-I | MP | 02-02-83 | 45 | C |

**39.** Create a employee database and Create a Report .

| Emp.No | Ename | Job | DOJ | Basic | Deptno | Sex |
|--------|--------|----------|----------|-------|--------|------|
| 101 | Ajya | Clerk | 17-12-01 | 6000 | 20 | Male |
| 102 | Arvind | Salesmen | 20-02-02 | 5000 | 30 | Male |
| 103 | Rahul | Salesmen | 22-03-01 | 5500 | 20 | Male |
| 104 | Rehman | Manager | 01-04-01 | 12000 | 40 | Male |
| 105 | Sahil | Manager | 20-09-02 | 11500 | 10 | Male |

**40.** Create table textbook with the following fields. Insert 10 records.
Book title, author name, publication name, quantity, price.
Create query to display the books of information technology,
Create query to display the books of Himalaya publications.

**41.** Create a table student with the following fields(rno, name, fa marks, be marks, it marks, total and average). Insert 10 records, calculate total = fa+be+it. Average = total/ no of subjects.
Create a query to display all information of student who secured >75 marks in IT subject.
Create a query to display name, total and average who's average is > 80.

**42.** Create a table employ with (idno, name, job, age, salary). Insert 10 records.
Create a query to display the information of all managers.
Create a query to display the names of employs who's salary is >15000.

**43.** Create a report for the student table with rno, name, fa, be, it total and average.

**44.** From the College Library database find out the following:-
    a. Total no. of copies of books subject wise.
    b. A report displays all books group by Publisher.
    c. A report displays all books group by Book Title.
    d. A report displays all books group by Book Edition

**45.** Create a 'Stock' database having 'Inventory' table:-

| Item Code | Name of the Item | Opening Stock (In Qty) | Purchase ( In Qty) | Sales (In Qty) |
|---|---|---|---|---|
| 1011 | CPU | 200 | 150 | 300 |
| 1012 | Monitor | 100 | 100 | 150 |
| 1013 | Printer | 75 | 150 | 125 |
| 1014 | UPS | 200 | 300 | 400 |
| 1015 | Speakers | 200 | 250 | 350 |

Generate the following queries from the above table:-
a) Calculate the closing stock of each item (Closing Stock = Opening Stock + Purchase – Sales)
b) Display all the Items which has closing stock < 100
c) If closing stock is less than 100 then set the remark as "Re-Order Level" otherwise "Enough Stock".

**46.** Create a FEE table in access with (name,category,course/group,year, fees,)insert 10 records . add new column concession. Write a query to calculate concession. calculate concession=fee*20/100; when category is NCC/NSS/GIRL

**47.** Create a database 'Student'. Also Create table 'stdtable'& execute the following.

| SRoll no | Sname | Class | State | DOB | Marks | Grade |
|---|---|---|---|---|---|---|
| 101 | Raj | B.Com-I | AP | 21-09-82 | 80 | A |
| 105 | Ram | B.Com-II | MP | 31-08-81 | 70 | B |
| 104 | Rakesh | B.Com-III | UP | 30-06-80 | 90 | A |
| 103 | Ramesh | B.Com-II | AP | 25-07-82 | 38 | C |
| 105 | Rajesh | B.Com-I | MP | 02-02-83 | 45 | C |

a) Sort the data by SRoll no.
b) Display SRoll no., Sname, State and Marks where marks > 80.
c) Display SRoll no., Sname, State and Marks where Grade = A.

**48.** In the following table find out the Followings:
a. All the Department Nos and Employees Names.
b. All the Employees who joined in year 2001.

| Empno | Ename | Designation | Deptno | DOJ | Basic Salary |
|---|---|---|---|---|---|
| 101 | Ajay | Manager | 10 | 12/12/2001 | 25000 |
| 102 | Arvind | Dy. Manager | 40 | 20/02/2002 | 20000 |
| 103 | Rahul | Programmer | 20 | 22/03/2001 | 18000 |
| 104 | Hari | Mktg. Officer | 40 | 01/04/2001 | 15000 |
| 105 | Sahil | Accountant | 10 | 20-09-2000 | 12000 |

**49.** Create a  Library Database of your college having following fields and enter atleast 30 records in it:-

| Field Name | Description |
| --- | --- |
| BookCode | Primary Key |
| BookTitle | Subject Name |
| Publisher | Book Publisher Name |
| No.of.Copies | Quantity in one Invoice |
| No.ofPages | Total Pages in book |
| Edition | Book Printing Edition |

**50.** From the College Library database find out the following:-
   a.  Total no. of copies of books subject wise.
   b.  A report displays all books group by Publisher.
   c.  A report displays all books group by Book Title.
   d.  A report displays all books group by Book Edition

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### *B.Com   II Sem w.e.f.2016-17*

### RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS)
### Paper No.207

Time: 60 Minutes

Record         : *10*
Skill Test     : 15
Total Marks  : *25*

1. Create Table Student with the following fields (StudentNumber, StudentName, DBMS , Ecommerce , FIT, WebProgramming)

 i) Insert five records.
ii) calculate total by adding a total column.
iii) calculate average by adding a average column.

2. Create Table Student with the following fields (StudentNumber, StudentName, DBMS , Ecommerce, FIT , C, WP)
 i) insert five records.
ii) increase 10 marks in dbms for all students who got less than 50 in dbms.
iii) List the details of student in ascending order of their name.

3.Create Table Student with the following fields (StudentNumber, StudentName, DBMS , ECommerce, FIT, C,WP)

 i) insert 5 records.
ii) calculate percentage by adding a percentage column.
iii) list the student's name and number who have failed.

4. Create Table Student with the following fields (StudentNumber, StudentName, Hindi , English, English. Economics, computer , total, average)
 i) insert 5 records.
ii) increase 7% marks for all whose average is less than 80.
iii) create a remark column with data according to the following:
    a) Average>= 60 (first)
    b) Average >=50 &<60 (second)
    c) Average >=40 &<50 (third)

5. Create Tableemp with the following fields ( EmpNo , EmpName, Job , Salary , Dept , Comm , DateOfJoining)EmpNo should be primary key.
i) Insert 5 records.
ii) increase salary of  for all the employees by Rs 1000/- whose salary less than Rs6,000.
iii) List the employee details with highest salary.

6. Create tableemployee  with the following fields (EmpNo , Name , Basic , DA , HRA , Net Salary )
i) Insert five records.
ii) Calculate DA -25% of basic ,
iii) Calculate HRA - 45% of basic ,
iv) Calculate net salary

7. Create table Emp_detailswith the following fields (EmpNo , Name ,Department , Net Salary )

i) Insert Five records
ii) Display all employee details who work in 'sales' department.
iii)Calculate annual_salary by adding a column.

8. Create table Empwith the following fields (EmpNo (PK), Name ,Department ,Job_Desig, Net Salary )

i) Insert Five records
ii) Display all employee details who Job_desig=Accountant.
iii)Display the names of employee whose annual salary is more than 3 lacs

9. Create table Employee with the following fields (EmpNo (PK), Name ,Department ,Job_Desig, Net Salary )

i) Insert Five records
ii)Calculate annual_salary by adding a column .
iii) Delete all employee whose annual_salary is more than 500000

10. Create table supplier with the following fields ( S_NO (PK) ,SNAME, SCITY, TURNOVER)

i) Insert Five records
ii) Display supplier details for all suppliers with more than 75000 turnover
iii) Get the details of the supplier who operate from Hyderabad with turnover > 50000

11. Create table supplier with the following fields ( S_NO (PK) ,SNAME, SCITY, TURNOVER)

i) Insert Five records
ii) Get the supplier table in descending order of turnover
iii)Get the total number of suppliers
iv) Get the supplier details whose turnover is between 25000 and 35000

12. Create table supplier with the following fields ( S_NO (PK) ,SNAME, SCITY, TURNOVER)

i) Insert Five records
ii) Get the supplier number of supplier who located Hyderabad
iii) Get the names and cities of supplier whose names begin with 'C'

13. Create table supplier with the following fields ( S_NO (PK) ,SNAME, SCITY, TURNOVER)

i) Insert Five records
ii) Increase the turnover by 10% for suppliers who operate from Hyderabad
iii) change the city to 'Bangalore' for S_NO 109

14. Create table supplier with the following fields ( S_NO (PK) ,SNAME, SCITY, TURNOVER)

i) Insert Five records
ii)Display the average turnover by suppliers in the city Hyderabad
iii) Delete all rows from supplier where city is Kolkata

15. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price)

i) Insert Five records
ii) Calculate profit by adding a column
iii) Display the details of product which Is sold in loss.

16. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

i) Insert Five records
ii) Display the product details whose selling_price is double the cost_price
iii) Display the product details whose product_name starts with G and quantity is more then 200

17. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

i) Insert Five records
ii) Increase the cost and selling price for product_no 107 by 10%
iii) Get product table in descending order on Quantity
iv) Display the total quantity of products available.

18. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

i) Insert Five records
ii) Change the cost_price of 'Trousers' to 1000
iii) delete all rows where quantity is greater than 100

19. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

i) Insert Five records
ii)Get the product details whose selling price is between 2000 to 5000
iii) Increase quantity by 25% for all products whose cost price is less than Rs 250

20. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

i) Insert Five records
ii) Get the product number that costs 200,300 or 400
iii) Get the product details whose cost_price is maximum
iv) Count all product whose cost_price is less than 100

21. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price)

i) Insert Five records
ii) Calculate profit_percentage by adding a column
iii) Get the total number of product in the table
iv)  Change the product_name by 'Cap' for productNo 10 and increase the selling price by 5%

22. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

i) Insert Five records
ii) List all client who are located in Timil Nadu state
iii) Change the city of clientNo 'c005' to Mumbai

23. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

i) Insert Five records
ii) List the client details for all clients whose Bal_due is less than 5000
iii) get the client table details in ascending order of Bal_due
iv) Count the number of clients from the city Chennai

24. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

i) Insert Five records
ii) Change the bal_due for clientNo 1099
iii) Delete all clients who are from the city New Delhi

25. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

i) Insert Five records
ii) Display the client details whose having the minimum bal_due
iii) Display the total bal_due in the table
iv) delete all clients who are from Maharashtra state

26. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

i) Insert Five records
ii) Display all client details for all client whose name starts with M
iii) delete the client tuples whose pin code is 713304
iv) Increase the bal_due by 7% for all whosepin_code= 600013

27. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

i) Insert Five records
ii) Display all salesman details who fail to achieve targetamt
iii) count the number of employee in each city

28. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

i) Insert Five records
ii) Increase the tagetamt for all by 10%
iii) Delete all employee who fail to achieve targetamt

29. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

i) Insert Five records
ii) Increase the salesAmtby 12% for employee in the city Indore
iii) change the city to Bhopal for salesmanNo 871

30. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

i) Insert Five records
ii) Count the employee who fail to achieve targetamt in the city raipur
iii) get the salesman details in descending order of salesAmt.
iv) List the Salesman details with Maximum SalesAmt.

31. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

i) Insert Five records
ii) create a remark column with data according to the following:
      a) TargetAmt>= SalesAmt (VeryGood)
      b) TargetAmt<SalesAmt (Poor)
iii) Change the City of salesmanNo 981 to Raipur

32) Create a Course table with the  following fields
(  Student Name, Course ,College ,College Address,,Principal Name ,Fee )

i ) Insert five records
ii ) Display the Maximum course fee along with  the Course
iii) Display the name of students, their college name, Principal name where  the course is M.C.A..

33) Create a Course table with the  following fields
(  Student Name, Course ,College ,College Address,,Principal Name ,Fee )

i ) Insert five records
ii) Count the number of courses taught in TechnoHitec College
iii) Delete all records where college name is TechnoHitec

34. Create a Course table with the  following fields
(  Student Name, Course ,College ,College Address,,Principal Name ,Fee )

i ) Insert five records
ii) get the course details in descending order of fee
iii) List the college name whose course fee is greater than 20000 for MBA course.

35) Create a software table with the following fields
( softwarename , Cost, date of manufacture, date of expiry ,NO  of copies)

i ) Insert five records
ii ) Display cost and date of manufacture for each software.
iii ) Add a column called software  type and enter data into it .
iv) Display the name of software in upper case .

36) Create a Faculty table with following fields
( Name , Specialization , Experience ,Age )

i ) Insert  five records
ii ) Display the name in lower case
iii ) Add a column called Grade
iv ) If  the experience is more than five years assign the grade as '' A '' else "B"

37) create table Loan with the following fields (IoadId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i ) Insert  five records
ii) calculate the Interest amount by adding a column
iii) List all the customer details whose Loan_amt> 800000
iv) Display the details of loan in descending order of Loan_amt

38) create table Loan with the following fields
 (IoadId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i ) Insert  five records
ii) decreaserate_of_int by 2% for all loan amount> 700000
iii) Delete all tuples where cust_city is hubly

39) create table Loan with the following fields (IoadId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i ) Insert  five records
ii) Count number of people whose loan_amt exceeds 50000
iii) List the customer details who is having maximum Loan_amt

40) create table Loan with the following fields (IoadId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i ) Insert  five records
ii) List all customer details whose loan amount is between 200000 and 500000
iii) Display the Loan details for all in the city hyderabad

41. create the table book with following details (bookid, author, title, price, quantity)

i ) Insert  five records
ii) Display the books of title rdbms
iii) delete all rows where author name is MattWall

42. create the table book with following details (bookid, author, title, price, quantity)

i ) Insert  five records
ii) Which title of book is having maximum quantity
iii) Increase the price all books by 10% whose author is Ramakrishna

43.create the table book with following details (bookid, author, title, price, quantity)

i ) Insert  five records
ii) Display the book with maximum price
iii) Change the title of bookid 955 to 'C Skills'

44. create the table book with following details (bookid, author, title, price, quantity)

i ) Insert  five records
ii) display the book details in ascending order for title
iii) calculate total price by adding a column

45. create the table book with following details (bookid, author, title, price, quantity)

i ) Insert  five records
ii) Increase the quantity of all books of rdbms by 10%
iii)calculate the total number of books.

46. create table purchase with the following details (orderid, productName, unit_price, quantity)

i ) Insert  five records
ii) Calculate total_price by adding a column
iii) Which product is purchased in maximum quantity

47. create table purchase with the following details (orderid, productName, unit_price, quantity)

i ) Insert  five records
ii) increaseunit_price by 5% for all products
iii) display the productnameswhose unit_price is more than 440

48. create table purchase with the following details (orderid, productName, unit_price, quantity)

i ) Insert  five records
ii) Delete all records whose quantity is less than 5
iii) increase the quantity by 15% for Productname Desks

49. create table purchase with the following details (orderid, productName, unit_price, quantity)

i ) Insert  five records
ii) Display the OrderId and Product name whose unit price is least
iii) display the purchase detail in ascending order of product_name

50. create table purchase with the following details (orderid, productName, unit_price, quantity)

i ) Insert  five records
ii) Increase the unit price by Rs100/- for productName Chord
iii) Which product is having the minimum quantity+

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# FACULTY OF COMMERCE, OSMANIA UNIVERSITY

# B.Com (CBCS) III – Semester (Computer/ Computer Applications)
# Lab - Practical Question Bank

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## PROGRAMMING WITH C – Practical Question Bank

Time: 60 Minutes

Record    : *10*
Skill Test  : *15*
Total Marks : 25

1.  Write a C program to find the sum of first 10 even numbers.

2.  Write a C program to check whether a given string is a Palindrome or not.

3.  Write a C program to convert temperature from degree Centigrade to Fahrenheit.

4.  Write a C program to display the factorial of a given number using for loop.

5.  Write a C program to display days of a week using switch-case.

6.  Write a C program to print all upper case and lower case alphabets.

7.  Write a C program to display Fibonacci series.

8.  Write a C program to add two dimensional matrices.

9.  Write a C program to search for a given element in an array usingLinear search.

10. Write a C program to find the sum of digits of a given number.

11. Write a C program to find the average marks obtained by a student taking any 3 subject marks as input.

12. Write a C program to find the largest element in a given array of elements.

13. Write a C program to reverse a given number.

14. Write a C program to check whether a given year is a Leap year or not.

15. Write a C program to find the square of a number using a user-defined function.

16. Write a C program to check whether a number is even or odd using switch-case.

17. Write a C program to check whether the given number is a Perfect number or not.

18. Write a C program to display the Factorial of a given number using while loop.

19. Write a C program to check whether the given number is Armstrong or not.

20. Write a C program to check whether a number is Prime or not.

21. Write a C program to find Factorial of a given number using recursion.

22. Write a C program to concatenate two strings using string functions.

23. Write a C program to demonstrate any 5 mathematical functions.

24. Write a C program to swap two numbers using call-by-reference method.

25. Write a C program to display first n natural numbers.

26. Write a C program to add two numbers using pointers.

27. Write a C program to display Prime numbers from 1 to n.

28. Write a C program to find the GCD of two numbers.

29. Write a C program to count the number of vowels in a given string.

30. Write a C program to reverse a given string using recursion.

31. Write a C program to check whether two strings are equal or not using string functions.

32. Write a C program to multiply two dimensional matrices

33. Write a C program to find the biggest of 3 given numbers.

34. Write a C program to display the length and reverse of a string using string functions.

35. Write a C program to display whether a number is even or odd using conditional operator.

36. Write a C program to find the sum and average marks of 10 students stored in an array.

37. Write a C program to accept and display the details of an employee using structures.

38. Write a C program to search for a given element in an array using binary search.

39. Write a C program to find the area and circumference of a circle.

40. Write a C program to display length of a string using pointers.

41. Write a C program to find the transpose of a given matrix.

42. Write a C program to find the sum of the series $1^2 + 2^2 + 3^2 + \ldots\ldots n^2$

43. Write a C program to display elements in a given array using pointers.

44. Write a C program to generate the multiplication table of a given number.

45. Write a C program to find the roots of a quadratic equation.

46. Write a C program to find the number of characters, words, and lines in a given text.

47. Write a C program to check whether a given triangle is equilateral or isosceles or scalene.

48. Write a C program to calculate Simple and Compound interest.

49. Write a C program to swap two numbers without using a third variable.

50. Write a C program to find the largest of 2 numbers using a user-defined function.

# FACULTY OF COMMERCE, OSMANIA UNIVERSITY

# B.Com (Honours) (CBCS) III – Semester
# Lab - Practical Question Bank

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## MANAGEMENT INFORMATION SYSTEMS – Practical Question Bank

Time: 60 Minutes

Record   : *10*
Skill Test : *15*
Total Marks : 25

1. Create a database named "College.mdb" and perform the following tasks:  (For questions 1 to 10)

   Create a table named "StudentInfo" having following table structure.

   | Fieldname | Datatype | Description |
   |-----------|----------|-------------|
   | Rno | Text | Primary Key |
   | Name | Text | |
   | DOB | Date/time | |
   | Gender | Text | M / F |
   | Class | Text | BCOM |
   | Section | Text | GEN/HONOURS |

1. Insert at least 10 records and display the records in ascending order of their Name's.

2. Prepare a query  to display all the fields.

3. Prepare a query  to display only Rno, Name fields

4. Prepare a query to display all records in ascending order of the names.

5. Prepare a form for the above table and insert 5 records through the form.

6. Prepare a report  consisting of the fields Rno, Name, Class.

7. Display all the student details where gender is "M".

8. Prepare a query to display all records where the name begins with "A".

9. Display the students studying under HONOURS section.

10. Display the students studying under GEN section.

2. Create a database named "Library.mdb" and perform the following tasks: (For questions from 11 to 20)

Create a table named "Books" having following structure:

| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| BookId | Text | Primary Key |
| BookName | Text | |
| Author | Text | |
| Year | Date/Time | |
| Publisher | Text | TMH/OXFORD |
| Price | Currency | |
| Remarks | Memo | |

11. Insert at least 10 records and display the records in descending order of their price.

12. Prepare a query to display onlyfields includingBookName, Author and Publisher name. Save the query as "MyQuery".

13. Prepare a query to display all records where the price of the book is more than 500.

14. Prepare a form for the table.

15. Insert 5 records through the form.

16. Display the records whose publisher is 'TMH'

17. Sort the records in the ascending order of the Price.

18. Display the records in the ascending order of the Year published.

19. Generate a report consisting of the fields BookId, BookName, Author.

20. Delete the records whose publisher is "TMH".

3. Create a database named "Employee.mdb" and perform the following tasks:

(For questions from 21 to 30)

Create a table named "EmpSalaryTable" having following structure:

| Fieldname | Datatype | Description |
|---|---|---|
| EmployeeId | Text | Primary Key |
| EmployeeName | Text | |
| BasicSalary | Currency | |
| DA | Currency | |
| HRA | Currency | |
| TA | Currency | |
| PF | Currency | |
| GrossSalary | Currency | |
| NetSalary | Currency | |

21. Insert at least 10 records into the EmployeeId, EmployeeName fields and display the records in ascending order of EmployeeName's.

22. Prepare a query to Calculate the DA as 30% of BasicSalary.

23. Prepare a query to Calculate the HRA as 20% of BasicSalary.

24. Prepare a query to Calculate the TA as 10% of BasicSalary.

25. Prepare a query to Calculate the GrossSalary as BasicSalary+DA+TA+HRA.

26. Prepare a Query to Calculate the PF as 12% of BasicSalary.

27. Prepare a Query to Calculate the NetSalary as GrossSalary-PF.

28. Sort the employee details in the increasing order of NetSalary.

29. Generate a form to display the details of all the employees.

30. Generate a report to display the fields EmployeeId, EmployeeName,BasicSalary, GrossSalary and NetSalary.

4. Create a database named "Marks.mdb" and perform the following tasks:(for questions from 31 to 40)

Create a table named "StdMarksTable" having following structure:

| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| StudentId | Text | Primary Key |
| StudentName | Text | |
| Marks1 | Number | |
| Marks2 | Number | |
| Marks3 | Number | |
| Total | Number | |
| Average | Number | |
| Result | Number | Pass/Fail |

31. Insert at least 10 records and display the records in ascending order of their StudentName's.

32. Display the student details in the deceasing order of Marks1.

33. Prepare a query to Calculate the Total as sum of Marks1,Marks2, Marks3.

34. Prepare a query to Calculate the Average.

35. Prepare a query to Calculate theResult taking your own criteria.

36. Prepare a Query to display the fields StudentId, Total, Average, Result.

37. Prepare a Query to display all the students in the ascending order of their names.

38. Sort the students in the ascending order of their totals.

39. Generate a form to display the details of all the students.

40. Generate a report to display the students details who have passed.

5. Create a database named "CustOrders.mdb" and perform the following tasks:(for questions from 41 to50)

Create a tables with the following structure

Table name : "CustomerTable"                                    Table name : "OrdersTable"

| Fieldname | Datatype | Description |
|---|---|---|
| CustomerId | Text | Primary Key |
| FirstName | Text | |
| LastName | Text | |
| Street | Text | |
| City | Text | |
| Zipcode | Text | |
| Email | Text | |
| Phone | Text | |

| Fieldname | Datatype | Description |
|---|---|---|
| OrderId | Text | Primary Key |
| CustomerId | Text | |
| Price | Number | |
| OrderDate | Date/time | |
| Qty | Number | |

1      ∞
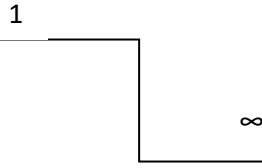
41. Create the tables with the above mentioned structure.

42. Insert atleast 5 records in CustomeTable.

43. Create a query to display all the fields in CustomerTable

44. Create a one to many relationship between the two tables.

45. Insert atleast 10 records in the OrdersTable

46. Prepare a query to display the fields Id, FirstName, LastName,, Phone from the CustomerTable

47. Prepare a query to display all the fields in the OrdersTable

48. Prepare a query to display the fields Id, FirstName, LastName, OrderId, Qty from the two tables.

49. Prepare a query to display the fields OrderID, CustomerID, Qty from OrdersTable where Qty> 10.

50. Prepare a query to display all the customers whose FirstName begins with the character 'A".

| | | |
|---|---|---|
| Time: 60 Minutes | Record: | 10 |
| | Skill Test: | <u>15</u> |
| | Total: | <u>25</u> |

1. Create a Student table(5 Records) with appropriate *Number formatting*:
   - i) Roll Number  ii) Name  iii) Class  iv) Date of birth
   - v) % of Marks  vi) Fees paid in INR  vii) Remarks

   Use five  *data entry techniques* while creating the table

2. Create a Student table with appropriate *Data Validation criteria* with the following columns:
   - i) Roll Number  ii) Name  iii) Sale Quantity  iv) Sale Value
   - v) Commission

   a) Sale Quantity and Value should be in whole numbers
   b) Commission is 8% of Sale value and be in two Decimals
   c) Sale value column should accept only values from 5000

3. Construct a table of a student with the following:

| Paper | % Marks | Grade Letter | Grade Point |
|---|---|---|---|
| I | 90 | | |
| II | 80 | | |
| III | 50 | | |
| IV | 40 | | |
| V | 65 | | |

   Use appropriate function to choose the Grade Letter and Grade points basing on the following logic:

| Range of % Marks | Grade Letter | Grade Point |
|---|---|---|
| 85-100 | O | 10 |
| 70-84 | A | 9 |
| 60-69 | B | 8 |
| 55-59 | C | 7 |
| 50-54 | D | 6 |
| 40-49 | E | 5 |
| Less than 40 | F | 0 |

4. Find out Semester Grade Point Average (SGPA) of a student for Semester I with the following:

| PAPER | %Marks | CREDITS | GRADE POINT | GRADE LETTER | CREDIT POINTS |
|---|---|---|---|---|---|
| I | 60 | 4 | 8 | | |
| II | 50 | 4 | 6 | | |
| III | 70 | 4 | 9 | | |

   a)Use appropriate function to choose the Grade Letter using a suitable logical function  (Grade Letter for 60-69=B; 50-54=D; 70-84=A)
   b) Credit Points=Credits x Grade point
   c) SGPA=Total Credit points/Total Credits. Adjust to 2 decimals.
   d) No SGPA for F grade.

5. Find out Semester Grade Point Average (SGPA) of a student for Semester II with the following:

| PAPER | %Marks | CREDITS | GRADE POINT | GRADE LETTER | CREDIT POINTS |
|-------|--------|---------|-------------|--------------|---------------|
| I | 70 | 4 | 9 | | |
| II | 65 | 4 | 8 | | |
| III | 70 | 4 | 9 | | |

a)Use appropriate function to choose the Grade Letter and Grade points
   (Grade Letter and Grade points for 60-69=B; 70-84=A)
b) Credit Points=Credits x Grade point
c) SGPA=Total Credit points/Total Credits. Adjust to 2 decimals.
d) No SGPA for F grade

6. Find out Cumulative Grade Point Average (CGPA) of a student for Semesters I and II with the following:

| Paper | SEM I | | | SEM II | | |
|-------|---------|--------------|--------------|---------|--------------|--------------|
| | Credits | Grade points | Credit points | Credits | Grade points | Credit points |
| | | | | | | | |
| I | 4 | 8 | | 4 | 9 | |
| II | 4 | 6 | | 4 | 8 | |
| III | 4 | 9 | | 4 | 9 | |
| | | | | | CGPA= | |
| | | | | | DIVISION= | |

a) Credit points= Grade points x Credits
b) CGPA= Total Credit points of **both** I and II Semesters/Total credits of **both**
Semesters
c) Find Division of the student:

| Division | Range of CGPA |
|----------|---------------|
| Distinction | 9-10 |
| First | 8-8.99 |
| Second | 6-7.99 |
| Pass | 5.5.99 |

7. The following are the Marks obtained by Students in three subjects. Draw a **Bar** diagram with appropriate Design, Formatting options and Chart headings:

| ROLL NO | NAME | S1 | S2 | S3 |
|---------|------|----|----|----|
| 101 | A | 50 | 60 | 70 |
| 102 | B | 60 | 40 | 80 |
| 103 | C | 70 | 60 | 50 |
| 104 | D | 60 | 50 | 60 |
| 105 | E | 50 | 90 | 40 |

8. The following are the details of Expenditure. Draw a **Pie** diagram with appropriate Formatting options, including Percentages and Chart headings:

| Expenditure | Rs. |
|-------------|------|
| Food | 10000 |
| Rent | 5000 |
| Clothing | 1000 |
| Fees | 4000 |

9. Execute the following:
   a) Change a Sheet Tab colour
   b) Rearrange Worksheets
   c) Hide a Worksheet
   d) Compare sheets side-by-side
   e) Use Find and Replace with an example

10. From the following table, select *Non-contiguous* cells having values 10,20,30 and calculate Total, Average and Multiplication, using *Define Name* concept:

| Paper | S1 | S2 | S3 |
|-------|-----|-----|-----|
| 1 | **10** | 40 | 50 |
| 2 | 60 | 20 | 70 |
| 3 | 80 | 90 | 30 |
| 4 | 40 | 50 | 60 |

11. Add Sheet 1 values and Sheet 2 values with Sheet 3 values using *Multi Sheet Range* concept:

| Sheet 1 | | Sheet 2 | | Sheet 3 | |
|---------|-------|---------|-------|---------|-------|
| Roll No | Marks | Roll No | Marks | Roll No | Marks |
| 1 | 10 | 1 | 100 | 1 | 50 |
| 2 | 20 | 2 | 200 | 2 | 60 |
| 3 | 30 | 3 | 300 | 3 | 70 |

12. Create the following table:

| Roll No | Name | S1 | S2 | S3 | Total |
|---------|--------|-----|-----|-----|-------|
| 1 | Sastry | 50 | 60 | 70 | |
| 2 | Prasad | 80 | 90 | 100 | |
| 3 | John | 90 | 80 | 70 | |
| 4 | Siva | 60 | 50 | 40 | |
| 5 | Satish | 50 | 60 | 70 | |

From Total column:
   a) Copy only *Formula* and Paste in the next (Right) cell
   b) Copy only *Values* and Paste in the next cell
   c) Copy only *Formats* and Paste in the next cell
   d) Write a Comment in Total column of Roll No 4
   e) Copy only the *Comment* and Paste in the next cell

13. Create the following table and apply formatting options as mentioned:

| Roll No | Name | S1 | S2 |
|---------|------|------|-----|
| 1 | A | 90 | 90 |
| 2 | B | 100 | 99 |
| 4 | C | 90 | 90 |
| 3 | D | 95 | 95 |

   a) Resize the table to include one Row and one Column
   b) Apply any table style
   c) Sort the table on Roll No
   d) Select 'Header Row' table style
   e) Calculate Total and Average of each student

14. Derive Variances after comparing Total cost with Actuals:

| TASK | LABOUR | | MATERIAL | | TOTAL VARIABLE COST | SEMI FIXED COST | TOTAL COST | ACTUALS | VARIANCES |
|------|--------|------|----------|------|---------------------|-----------------|-----------|---------|-----------|
| | HOURS | RATE | UNITS | RATE | | | | | |
| 1 | 10 | 100 | 20 | 200 | | | | 4000 | |
| 2 | 20 | 100 | 40 | 200 | | | | 12000 | |
| 3 | 20 | 200 | 20 | 400 | | | | 12000 | |

I)   Semi-FC is 20% of Total TVC  if TVC is upto Rs.10000
ii)             40%  if Total TVC  if TVC is above Rs.10000

15. Calculate Total, Average and Result of the following:

| ROLL NO | NAME | MARKS | | | TOTAL | AVERAGE | RESULT |
|---------|------|-------|------|------|-------|---------|--------|
| | | S1 | S2 | S3 | | | |
| 1 | A | 80 | 90 | 100 | | | |
| 2 | B | 60 | 70 | 20 | | | |
| 3 | C | 90 | 80 | 10 | | | |

i)   For Pass, every subject should be 40 or above marks
ii)   For Fail, any one subject be Less than 40

16  Prepare a Payroll with the following:

| EMP ID | E.NAME | BASIC | DA | HRA | GROSS | PF | ESI | NET |
|--------|--------|-------|----|-----|-------|----|-----|-----|
| 101 | A | 1000 | | | | | | |
| 102 | B | 2000 | | | | | | |
| 103 | C | 3000 | | | | | | |
| 104 | D | 2000 | | | | | | |
| 105 | E | 5000 | | | | | | |

i)    DA is 50% of Basic
ii)   HRA is Basic + DA
iii)  HRA is 15% of Basic
iv)   Gross pay=Basic+DA+HRA
v)    PF is 12% of Basic+DA
vi)   ESI is 5%
vii)  Net Pay= Gross-PF-ESI

16. Complete the following Income Statement for year 2017:

| I-REVENUE | Rs. In Lakhs |
|---|---|
| Sales | 2000 |
| Services | 200 |
| | ------ |
| Total | ? |
| | ------ |
| II-EXPENSES | |
| Salaries | 300 |
| Cost of Goods sold | 400 |
| | ------ |
| Total Expenses | ? |
| | ------ |
| III-NIBT(Net Income Before Taxes) | ? |
| (Total Revenue-Total Expenses) | |
| Income Tax | ? |
| | ------- |
| NET INCOME(NIBT-I Tax) | ? |
| | ------- |

(income tax=NIBT upto 200=Nil;   201-400=10.12%,  400 above=20.24% on NIBT)

17. Create the following table of a class:

| ROLL NO | NAME | MARKS |
|---|---|---|
| 1 | A | 82 |
| 2 | B | 92 |
| 3 | C | 62 |
| 4 | D | 62 |
| 5 | E | 72 |

i) Findout the topper of the class
ii)Findout the least scorer of the class
iii)Findout who got exactly 62 marks

18. Create the following Inventory table of Product No100 Product Name:Book:

| DATE | OPENING | PURCHASES | ISSUES | CLOSING |
|---|---|---|---|---|
| 1.1.2018 | 0 | 300 | 50 | |
| 10.1.2018 | | 200 | 50 | |
| 20.1.2018 | | 100 | 100 | |
| 31.1.2017 | | 100 | 50 | |

i)Findout each day's Closing balance
ii)Previous day Closing balance is next day Opening balance=system should reflect automatically
iii)An entry about destruction of Books numbering 20 on 25.1.2018 should be taken now
iv) If the unit value is Rs.100, what is the closing stock value as on 31.1.2018?

19. Create the following table:

| ROLL NO | NAME | S1 | S2 | S3 |
|---------|------|----|----|----|
| 1 | A | 80 | 60 | 70 |
| 2 | B | 60 | 70 | 80 |
| 3 | C | 40 | 40 | 30 |
| 4 | D | 60 | 50 | 40 |
| 5 | E | 50 | 60 | 70 |

Using Conditional Formatting highlight, who scored :
i)More than 50 in S1   ii)Less than 50 in S2 and iii) Between 50 and 70 in S3

20. Create the following table:

| ROLL NO | NAME | | S1 | S2 | S3 | % | RESULT | DIVISION |
|---------|------|---|----|----|----|----|--------|----------|
| | | | | MARKS | | | | |
| 1 | A | | 80 | 60 | 70 | | | |
| 2 | B | | 60 | 70 | 80 | | | |
| 3 | C | i | 40 | 40 | 30 | | | |
| 4 | D | | 60 | 50 | 40 | | | |
| 5 | E | | 50 | 60 | 70 | | | |

i)      To declare 'Pass', to get >=40 marks in *every* subject.
ii)     To declare  'Fail', to get <40 in *any one* subject
iii)    Division is only for 'Pass' candidates

Division= Distinction   above 90%
         First          80%-<90%
         Second         60%-<80%
         Pass           40%-<60%
         '—'            <40%

21. Create Column chart for S1 and S3 only

| ROLL NO | NAME | S1 | S2 | S3 |
|---------|------|----|----|----|
| 1 | A | 80 | 60 | 70 |
| 2 | B | 60 | 70 | 80 |
| 3 | C | 40 | 40 | 30 |
| 4 | D | 60 | 50 | 40 |
| 5 | E | 50 | 60 | 70 |

22  Create the following table:

| ROLL NO | NAME | S1 | S2 | S3 |
|---------|------|----|----|----|
| 1 | A | 80 | 60 | 70 |
| 2 | B | 60 | 50 | 80 |
| 3 | C | 40 | 50 | 30 |
| 4 | D | 70 | 50 | 40 |
| 5 | E | 50 | 60 | 70 |

i)      Find out the Maximum score in S1, Minimum score in S2 and  use Count   S3
ii)     Find out Median of S1 scores and Mode of S2 scores

22. Create a table with the following and Calculate Fees Concession:

| ROLLNO | NAME | CATEGORY | % | FEE CONCESSION |
|---|---|---|---|---|
| 1 | Iyer | N | 90 | |
| 2 | Nair | D | 60 | |
| 3 | Nambiar | N | 50 | |
| 4 | Krishnan | D | 70 | |
| 5 | Ambal | G | 40 | |

Concession Policy:

| CATEGORY | % | CONCESSION |
|---|---|---|
| N | above 50 | 10% |
| D | above 50 | 20% |
| G | above 40 | 15% |

i) In all other cases there is NO concession.
ii) Fees paid by each one of them is Rs.10000

23. Create the following table and calculate Incentive:

| EMP ID | NAME | SALES(Rs) | INCENTIVE |
|---|---|---|---|
| 101 | A | 10000 | |
| 102 | B | 20000 | |
| 103 | C | 10000 | |

Policy:
Sales between 10000-15000=5%
>15000-<20000=6%
>=20000-<30000=8%

24. Calculate *Annual* payment/instalment for a loan using an appropriate function:

Loan amount:          Rs. 10,00,000
Years of repayment:   10 years
Rate of interest      10%

a) If the payments are Monthly, instead of Annual, what is the instalment
b) If the payments are quarterly, instead of Annual, what is the instalment
c) If the rate of interest is changed to 15% on Annual payment basis, what is the instalment

24. Create a Pivot table with the following:

| Days\Periods | I | II | III |
|---|---|---|---|
| MON | | ENG | |
| | FA | IT | |
| | | | |
| WED | | ENG | |
| | FA | IT | |
| | | | |
| FRI | | ENG | |
| | FA | IT | |

Inter change the Rows into columns, using the Pivot table

The Pivot table be placed in a New Worksheet

25.Create a table showing the differences between VAT system and GST system. Find out the Manufacturer's invoice value:

Value to Manufacturer:

|  | Under **VAT** | Under **GST** |
|---|---|---|
| Production Cost | 1000000 | 1000000 |
| + Profit (20%) | | |
| +Excise duty (10%) | | |
| =Total Production cost | | |
| + VAT (18%) | | |
| +State GST (9%) | | |
| +Central GST(9%) | | |
| MANUFUCTURER'S INVOICE VALUE | | |

-Excise duty and VAT apply to VAT system only
-State and Central GST apply to GST system only

26.Create a table of 5 records with your own data showing the following:

**ROLLNO      NAME  S1      S2      TOTAL MKS    RESULT**

27. Create a Pie chart basing on 5 records with your own data :

**FOOD ITEM              EXPENDITURE**

-% and Names of the expenditure should be displayed
-Change the colour of any one food expenditure

27. . Create a COLUMN chart basing on 5 records with your own data :

**FOOD ITEM              EXPENDITURE**

- Names of the expenditure should be displayed on each column
-Change the colour of any one food expenditure\item
- legend should be on left side

28. Create an Inventory Re-ordering Report with the following columns:

| ITEM | STOCK (Kgs) | REMARKS |
|---|---|---|
| Steel | 1000 | |
| Iron | 600 | |
| Brass | 500 | |

-In Remarks column mention "Reorder", if the Stock of any item goes below 600 Kgs
-If the stock is 600 or above mention Remark "No Need"

29 Create a Student Information Table with 5 records with your own data:

ROLLNO          NAME          PHONE          ADDRESS          DOB

Sort the table on Roll No and then by Name

30. Create a table and use any 5 Formatting options.
     Move the table to Sheet 2
     Rename the sheet
     Add one column to the right and one row down to the table
     Format as a Table.

31. The following are Sales figures of a company.  Plot the figures I a **Line chart**:

| YEAR: | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---|---|---|---|---|---|
| SALES (Rs. In lakhs): | 1000 | 1200 | 900 | 500 | 2000 | 1500 |

32. Set any 5 Page setup options/print options/sheet options for the following table with your own data for 5 records:
          **ROLL NO          MARKS**

33. Create the following table:

| ROLL NO | SUBJECT | MARKS |
|---|---|---|
| 1 | ECONOMICS | 90 |
| 1 | ECONOMICS | 90 |
| 3 | ACCOUNTS | 90 |
| 2 | ACCOUNTS | 80 |
| 2 | ACCOUNTS | 80 |
| 4 | ECONOMICS | 50 |

I)      Remove duplicate rows
II)     Prepare Subject-wise Sub-Totals

34. Create the following table with own data:
          ROLLNO               NAME

     i.      Open a New Window containing current document
     ii.     View Side-by-Side
     iii.    Freeze top row

35. Find the following:

| Amount to be received | Rs.1000000 |
|---|---|
| Rate of Interest | 10% |
| Time | 10 years |
| Amount to be invested at Present | ? |

     i)      If the rate of interest is 12% or 8%
     ii)     If the time period is 12 years or 8 years how much to be invested

36. Create the following table with your own data:

ROLLNO        S1       S2       TOTAL

i)        Total by using a  Function

ii)       Using Paste Special perform the following:
          a) copy formula and paste in another cell
          b) copy only values from formula and paste in another cell
          c) Perform Add, Subtract operations

37.  Show the following concepts by using appropriate examples:
          i) Merge and Center
          ii) Format Painter
          iii)Wrap text
          Iv) Shrink to fit long data in a cell
          v)Fill colour in a cell
          vi) increase column/row height/width

38. Sales figures of GPS for two months are as follows:

|  | Product 1 | Product 2 |
|---|---|---|
| Range 1 =Jan | 1000 | 2000 |
| Range 2=Feb | 3000 | 4000 |

Combine values from Ranges 1 and 2 into one new Range using Consolidation.

39. The following is the  stock position of *Excel Foundation* Book in a Library:

| OP STOCK | RECEIPTS | ISSUES | CL STOCK |
|---|---|---|---|
| 100 | 200 | 120 | |

i) Findout the closing stock
ii)*Hyperlink* the Receipts quantity to Sheet 2 of the same Workbook to know details of Receipts
iii)*Hyperlink* Issues to Sheet 3 of the same Workbook to know details of Issues.

40.  Findout the Break-even output with the following:
          Fixed Cost:                    Rs.40000
          Average Variable Cost          Rs.8
          Market Price                   Rs.13
          Output to produce to Break-Even     ?

          BE in Quantity=Fixed cost\(Market price-Average Variable cost)
          BE in Sales      =Sale price *BE in Quantity

**B.Com (CBCS)   VI Semester (Computers)**
Computer Lab - "**WEB TECHNOLOGY"**

Time: 60 Minutes                                                        Record: 10
                                                                        Skill Test: 15
                                                                        Total Marks: 25

1. Write a HTML program to implement Formatting tags .

2. Write a HTML program to demonstrate all Logical tags.

3.  Write a HTML program to implement all Header tags.

4.  Write a HTML program to  illustrate Anchor tag along with  all its attributes.

5.  Write a HTML program to insert Image tag with all its attributes.

6. Create a Web Page to display the text "ALL **THE BEST**" aligned with images.

7.  Write a HTML program to implement Font tags along with its attributes.

8.  Write a HTML program to illustrate List formatting tags for the streams available in College :

        a. Ordered list        b. Unordered list      c.  Menu List.    d. Definition  List .

9.  create a Web Page to display ordered list, unordered list on the subjects available in Fifth
     semester  .

10.   create a Table with Four rows and Four columns in HTML .

11.   Write a  HTML program to create a Time-table of your College using necessary options such as
      Cellpadding, Cellspacing ,  colspan , rowspan .

12.   Write a HTML program to marquee the image and text.

13.  Create a Web Page in which the text " **WEB TECHNOLOGY**  " should scroll in different directions
      for four times .

14. Create a table using all its attributes and  sub tags to execute the following Information .

| S.No | Name | Specialization |
|------|------|----------------|
| 1. | Ada Lovelace | She is World's first Computer Programmer. |
| 2. | Adam Osborne | Creator of the first commercially available Portable Computer . |
| 3. | Abhay Bhushan | Author of the File Transfer Protocol . |
| 4. | Alan Cooper | Father of Visual Basic . |
| 5. | Alan Emtage | Developer of  " Archie "  which is considered to be the first search engine. |
| 6. | Alan Schaaf | Founder of  " Imgur " which is the world's  largest image hosting site . |
| 7. | Alexander Douglas | Created the first graphical Computer game, OXO . |
| 8. | Andreas Bechtolsheim | Co-founder of Sun Microsystems. |

15. Create a Program on the concept of Form  containing Textboxes, Radio Buttons and Check boxes.

16.  Create a Program on  Employee Information Form.

17.  Write a program to create Pull down menu on the universities available in Telangana State.

18.   Write a program to create Pull down menu on various Web Designing Softwares.

19.  Create a Web Page of student information form, when the information is submitted message should be displayed .

20.  Write a HTML program to create Four Vertical Frames .

21.  Write a HTML program to create Four  Horizontal Frames.

22.  Write a DHTML program for Cascading style Sheets.

23.  Write a DHTML program to demonstrate Inline Style Sheets.

24.  Write a DHTML program to demonstrate External Style Sheets.

25.  Write a DHTML program to demonstrate Embedded Style Sheets.

26.  Write a DHTML program to illustrate Id and Class Selectors using CSS.

27.  Write a DHTML program to demonstrate Filters .

28.  Write a DHTML program to demonstrate  Transitions.

29.  Write a DHTML program to demonstrate changing text and attributes using CSS.

30. Write a Java Script program to calculate Area and circumference of a Circle .

31.  Write a Java Script program to display Greatest Number among Three Numbers .

32 . Write a Java Script program to demonstrate Arithmetic Operations using Switch case.

33.  Write a Java Script program to print Odd numbers using while loop.

34.   Write a Java Script program to demonstrate multiplication table .

35.   Write a Java Script program using any five events .

36. Write a Java Script program to print N-natural numbers using For loop.

37. Write a Java Script program to print Factorial of a given number .

38. Write a Java Script program to demonstrate Arrays.

39. Write a Java Script program to demonstrate String manipulating functions.

40 .  Write a Java Script program to demonstrate Math objects.

41. Create a Web page with an image, when the mouse is doubled clicked new image should replace the existing.

42. Create a Web page and apply mouse effects to change text color, size, family etc  on the text.

43.  Create a Web page which displays a line of text, when you click on the text a new line of text should overwrite the existing text.

44. Create a program  on the event onkeypress.

45. Create a program on the event onreset .

46 . Create a XML document for employee database with 10 records and 5 columns in each record.

47.  Create a XML document for student database and apply the style sheet effects.

48.  Create a XML document with simple links

49.  Create a  XML document for the Marketing department of an organization and apply style effects.

50. Create a program on XML Document Object Model.

**Computer Lab - Practical Question Bank**

**FACULTY OF COMMERCE, OSMANIA UNIVERSITY**

**Time: 60 Minutes**                                                        **Record : 10**

**Skill Test : 15**

**Total Marks : 25**

**B.Com (Computer & Computer Applications) (CBCS)**

**OBJECT ORIENTED PROGRAMMING IN C++  Practical question bank**

1. Write a C++ program to reverse a given number.

2. Write a C++ program to add two numbers using class.

3. Write a C++ program to check whether a given number is prime.

4. Write a C++ program to demonstrate the usage of scope resolution operator.

5. Write a C++ program to check whether a given year is leap year or not.

6. Write a C++ program to add two numbers using functions.

7. Write a C++ program to accept and display the details of  a student using  class.

8. Write a C++ program to accept and display the details of an employee using a class.

9. Write a C++ program to count the number of words and characters in a given text.

10. Write a C++ program to compare two strings using string functions.

11. Write a C++ program to find the GCD of two numbers.

12. Write a C++ program to calculate the area of rectangle, square using function overloading.

13. Write a C++ program to add two numbers using pointers.

14. Write a C++ program to find the factorial of a given number.

15. Write a C++ program to search for an element using binary search.

16. Write a C++ program to sort an array in ascending order.

17. Write a C++ program to find the factorial of a given number using recursion.

18. Write a C++ program to check whether a given number is even or odd.

19. Write a C++ program to demonstrate the usage of Inline function.

20. Write a C++ program to demonstrate parameter passing mechanism using pass by value method.

21. Write a C++ program to demonstrate parameter passing mechanism using pass by address method.

22. Write a C++ program to demonstrate the usage of a constructor and destructor in a class.

23. Write a C++ program to demonstrate simple inheritance.

24. Write a C++ program to calculate volume of cube, cylinder and rectangle using function overloading.

25. Write a C++ program to demonstrate the usage of friend function in a class.

26. Write a C++ program to demonstrate the usage of endl and setw manipulators.

27. Write a C++ program to display employee information using multiple inheritance.

28. Write a C++ program to demonstrate multilevel inheritance.

29. Write a C++ program to create a file.

30. Write a C++ program to check whether a given number is a palindrome or not.

31. Write a C++ program to generate the Fibonacci series using while loop.

32. Write a C++ program to overload + operator to add two complex numbers.

33. Write a C++ program to search for a given element in an array using linear search.

34. Write a C++ program to read a text file.

35. Write a C++ program to find the sum of natural numbers using for loop.

36. Write a C++ program to create a simple class named Account and write methods to deposit and withdraw amount from the account.

37. Write a C++ program to demonstrate dynamic memory allocation in c++.

38. Write a C++ program to demonstrate polymorphism by calculating area of rectangle and triangle using a shape class.

39. Write a C++ program using Switch case to add, subtract, multiply and divide two numbers.

40. Write a C++ program using class to implement basic operations on a stack using arrays.

41. Write a C++ program to display the sizes of various data types in c++ language.

42. Write a C++ program to accept and display employee details using structures.

43. Write a C++ program to find the length of a given string using string functions.

44. Write a C++ program to print the ASCII value of a user entered character.

45. Write a C++ program to add two dimensional matrices.

46. Write a C++ program to overload *+ (plus) operator* to perform concatenation of two strings.

47. Write a C++ program to find the sum of elements in a given array.

48. Write a C++ program to find the largest of 3 numbers.

49. Write a C++ program to demonstrate exception handling by dividing a number with zero.

50. Write a C++ program to convert a binary number to a decimal number.

# FACULTY OF COMMERCE, OSMANIA UNIVERSITY

## B.Com (CBCS) V – Semester (For All Streams)
## Computer Lab - Practical Question Bank

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### COMPUTERIZED ACCOUNTING

Time: 60 Minutes

Record    : *10*
Skill Test  : *15*
Total Marks: 25

**Q 1.** Create a company with Imaginary details.

**Q.2** Create a Company in Tally with following details:-

| Name | Rahul Enterprises |
| --- | --- |
| Mailing Name | Rahul Enterprises |
| Address | 12-1-975/A<br>Sultan Bazar,KingKothi, Hyderabad |
| Country | India |
| State | Telangana |
| PIN Code | 500001 |
| Mobile No. | 9988776655 |
| E-mail ID | rahul@gmail.com |
| Country | India |
| Maintain | Accounts with Inventory |
| Financial Year From | 1-4-2018 |
| Books Beginning from | 1-4-2018 |
| Tally Vault | No |
| Security Control | No |

**Q.3** Create a Company with imaginary details by selecting country As United States and giving Tally Password and activating Security Control by set Yes.

**Q4.** Create the following Ledgers under relevant groups in Tally giving their Opening Balances and display the following for **Suresh & Co.:**

    a) **Trial Balance**     -     **Total  Rs.3,43,200/-**
    b) **Profit and Loss Account** -     **Gross Profit Rs.36,500/-     Net Profit Rs.24,800/-**
    c) **Balance Sheet**     -     **Total Rs. 1,01,000/-**

| Debit Balances | Amount Rs. | Credit Balances | Amount Rs. |
|---|---|---|---|
| Stock (1-4-2017) | 96000 | Capital | 50000 |
| Wages | 28000 | Loan | 9000 |
| Salaries | 4000 | Sales | 250000 |
| Carriage Inward | 5000 | Reserve for Bad Debts | 5000 |
| Purchases | 120000 | Discount on Purchases | 4000 |
| Interest on Loan | 200 | Creditors | 23000 |
| Cash at Bank | 1800 | Purchases Returns | 1500 |
| Buildings | 11000 | Outstanding Expenses | 700 |
| Sales Returns | 1000 | | |
| Debtors | 35000 | | |
| Office Expenses | 5500 | | |
| Drawings | 6500 | | |
| Depreciation | 2000 | | |
| Rent | 2400 | | |
| Plant | 18000 | | |
| Travel Expenses | 5000 | | |
| Advertisement | 1600 | | |
| Cash in Hand | 200 | | |
| | 343200 | | 343200 |

**Closing Stock (31-3-2018) Rs. 35000/-**

**Q.5** Create the following ledgers in **Multiple Ledger Creation Mode:-**

| Sl No. | Ledger Name |
|---|---|
| 1. | Machinery A/c |
| 2. | Furniture A/c |
| 3. | Land & Building A/c |
| 4. | Loose Tools A/c |
| 5. | Fixtures A/c |
| 6. | Discount Paid A/c |
| 7. | Discount Received A/c |
| 8. | Interest Paid A/c |
| 9. | Interest Received A/c |
| 10. | Commission Paid A/c |
| 11. | Printing  Stationery A/c |
| 12. | Postage A/c |
| 13. | Wages A/c |
| 14. | Loan Taken from HDFC Bank A/c |
| 15. | Suspense A/c |
| 16. | Motive Power A/c |
| 17. | Purchases A/c |
| 18 | Sales A/c |
| 19 | Capital A/c |
| 20. | Bank A/c |

**Q.6** Create the following ledgers in **SingleLedgerCreationMode**:-

| Sl No. | Ledger Name |
|---|---|
| 1. | Land & Building A/c |
| 2. | Furniture & Fixture A/c |
| 3. | Trade Marks A/c |
| 4. | Patents A/c |
| 5. | Debtors A/c |
| 6. | Discount Paid A/c |
| 7. | Discount Received A/c |
| 8. | Commission Paid A/c |
| 9. | Printing & Stationery A/c |
| 10. | Creditors A/c |
| 11. | Wages A/c |
| 12. | Purchases A/c |
| 13. | Sales A/c |
| 14. | Capital A/c |
| 15. | Bank A/c |

**Q. 7** Create following Godowns for "Dinesh Kirana Store ":

Kothi, Sultan Bazar, Begum Bazar.

**Q8.** Create a company named "Dinesh Kirana Store " and create following stock Groups ad stock items according to the given information:

| Stock Item | Company / Brand (Stock Group) | Unit of Measurement | Quantity | Price |
|---|---|---|---|---|
| Rice | Daawat | Kg. | 500 | 100 |
| Oil | Gold Drop | Ltr | 1000 | 105 |
| Mustard Oil | Fortune | Ltr | 250 | 120 |
| Biscuits | Sunfeast | No. | 500 | 10 |
| Chilli Powder | Everest | Pkt | 100 | 50 |
| Black Pepper | Everest | Pkt | 100 | 40 |

**Q 9 Enter following business transactions for National Traders.**

Business Transactions for the months of May and June 2009 are as follows:

| National Traders Business Transactions | |
|---|---|
| **Date** | **Transaction Details** |
| 10-5-09 | Bank Advice received for bank interest of Rs.500 credited to the deposit account. |
| 11-5-09 | Electricity bill (Office costs) for Rs.400 received from Horizon Enterprises. |
| 13-5-09 | Sold 1 HP LaserJet 1010 Series for Rs 9,500 to a cash customer, retaining the money as Petty Cash. |
| 19-5-09 | Salaries of Rs 2,500. Amount paid through Bank Account. |
| 24-5-09 | Sold 1 HCL Pentium IV for Rs. 21,500 to Supreme Computers. |

| | |
|---|---|
| 30-5-09 | Purchased 5 USB Pen Drives 64MB @ Rs. 1,250 each from Challenger Systems on credit. |
| 01-6-09 | Paid freight charges of Rs 200 from petty Cash |
| 01-6-09 | Paid Challenger Systems Rs. 11,500 by cheque |
| 09-6-09 | Transferred Rs 6,000 from Bank Account to Deposit Account. |
| 15-6-09 | Cheque for Rs 15,000 received from Spectrum Computers |
| 22-6-09 | Purchased 4 IBM Pentium IVs for Rs. 17,100 each from a new supplier and paid by cheque |
| 22-6-09 | Sold 2 IBM Pentium IVs for Rs. 24,785 to a customer who paid by cheque |

**Q 10**. Enter the following transaction:

1. Started business with Cash Rs.2, 00,000
2. Purchased Goods from Amit Suppliers on credit of Rs.1, 50,000.
3. Deposit Cash in to Bank Rs. 25,000
4. Sold goods to Dynamic Traders Pvt. Ltd. of Rs. 1, 30,000
5. Received a cheque of Rs. 1, 27,000 from Dynamic Traders Pvt. Ltd.
6. Issued a cheque of Rs. 1, 00,000 as a partial payment to Amit Suppliers.
7. Purchase Goods for Rs. 45000 by Cash
8. Purchase Goods for Rs.8500 by SBI Bank.
9. Purchase Goods from "Krishna Mohan " for Rs. 67500 for Credit.
10. Purchase Goods from "Siva Mohan Agency" for Rs. 7200 and paid by SBI Bank Cheque.
11. Purchase Goods from "Mehatha G/s" for Rs. 15000 and Cash Discount received @ 2%.
12. Cash Purchase Goods from "Krishna G/s" for Rs. 12000.
13. Goods given to proprietor daughter Rs. 1800.
14. Purchased furniture for proprietor's residence by cash.
15. Cash Withdrawn from Bank.

**Q 11.Pass following  Journal entries:**

1. Rs.6000 was stolen from the safe of the firm.
2. Received an order from Kapil for the supply of goods worth Rs. 240000. In this connection we received Rs. 120000 as Advance.
3. Goods sold for cash Rs. 60000. Also received 7 % sales tax.
4. Given as Charity: Cash Rs. 6000, Goods Rs. 18000 & Sofa-set worth Rs. 24000.
5. Goods worth Rs. 4200 stolen by an employee.
6. Purchase two House worth Rs. 110000 for the business.
7. Goods given to proprietor daughter Rs. 1800.
8. Goods worth Rs. 6000 Destroyed by fire.
9. Goods worth Rs. 12000 distributed as sample.
10. Bricks worth Rs. 600000 purchased for the construction of building.

**Q 12.**Journal the following transaction in the books of Mr. X for the month of January 2017.

**Jan-1** X having no capital of his own started business with Rs. 10000 borrows from his friend Mr. R @12% p.a

**Jan-2** Purchased goods worth Rs. 6000 less 20% trade discount and 5% cash discount. Mr. M & Co. For cash and supplied then to Mr. R at least price less 10%.

**Jan-3** Goods worth Rs. 200 was damaged in transit a claim was made on the railway authority for the same.

**Jan-4** Under instruction from Mr. M & Co, X supplied goods listed at Rs. 1000 to Mr. S. Received the invoice at 20% trade discount from Mr. M & co.

**Jan-5** Received cash from Railway in the full settlement of claim for damages in transit.

**Jan-6** Received from travelling sales man Rs. 1400 for goods sold by him after deducting his travelling expenses Rs. 50.

**Jan-7** Mr. S declared his insolvent and dividend of 50 Paise in the Rupees is received from him in the full settlement of his account.

**Jan-8** Bought a horse for Rs. 600 as a carriage for Rs. 1200 for delivering goods to the customers.

**Jan-9** Bought goods worth Rs. 700 from Mr. D and supplied them to Mr. K at Rs. 1000.

**Jan-10** Mr. K returned goods worth Rs. 50 which in turn was sent to Mr. D.

**Jan-11** one month interest to Mr. R on capital supplied by him due but could not be paid.

**Jan-12** The horse bought on 8th January died on his body was sold for Rs. 30.

**Q 13.**Journalise the following transaction in the books of Ram. Post them in the ledger and balanced the various accounts opened in the ledger.

**April-2** Ram started his business with Cash Rs. 70000.

**April-3** Deposited in to Bank Rs. 50000.

**April-4** Purchased goods for cash from Mr. X Rs. 5000.

**April-5** Bought goods on credit from Mr. Y Rs. 6000.

**April-6** Returned goods to Mr. Y Rs. 1000.

**April 10** Sold goods for cash to Mr. A Rs. 6000.

**April-15** Sold goods to Mr. B Rs. 6000.

**April-16** Mr. B returns goods Rs. 1000.

**April-17** Drew from Bank for personal use Rs. 5000.

**April-25** Paid to Mr. Y in full Settlement by Cheque Rs. 4800.

**Q 14.** Enter the Following Transactions maintain billwise details:-

Mohan started business with cash Rs 10,000

Purchase following stock item items from Ravi on 1 Oct 2015.

| Bill no | Item | Purchase price /unit | Unit purchase |
|---------|------|---------------------|---------------|
| No/001 | Dove soap 100 gm | Rs.50 | 100 |
| No/001 | Dove soap 200 gm | Rs 100 | 50 |
| No/001 | Lux soap 100 gm | Rs 22 | 100 |
| No/001 | Lifebouy 100 gm | Rs 20 | 200 |

Purchase following stock item from Sudha trader on 2 oct 2015

| Bill no | Item | Purchase price /unit | Unit purchase |
|---------|------|---------------------|---------------|
| No/002 | Maggi 100 gm | Rs.8 | 100 |
| No/002 | Maggi 400 gm | Rs 35 | 50 |
| No/002 | Top remen 100 gm | Rs 12 | 100 |
| No/002 | Top remen 400 gm | Rs 40 | 200 |

**Q 15.** Create a Company and Enter the Followings and Find as per maintain Bill-wise Details

  a)  Goods sold to Ravi Rs. 15000/-        (1-Apr-2014)
  b)  Cash received from Ravi Rs. 10000/-   (1-Apr-2014)

  c)  Goods sold to Ravi Rs. 10000/-      (1-May-2014)

  d)  Cash received from Ravi Rs. 20000/-   (1-May-2014)

  e)  Goods sold to Ravi Rs. 25000/       (1-Jun-2014)

  f)  Interest charged to Ravi Rs. 500/-    (1-Jun-2014)

**Q.16.** Show the balance sheet of Royal Star Company, with the following accounts, under relevant groups with imaginary figures:
      i) Fixed assets: a) Land b) Building c) Machinery d) Furniture e) Goodwill
      ii) Current assets: a) Trade Debtors b) Stock c) Bills Receivable d) Bank e) Cash
      iii) Loan accounts:  a) Loan from Andhra Bank  b) Loan from Ramu
      iv) Capital account

**Q.17** Enter the following transactions by creating relevant accounts and groups.
i) Purchased goods from Ram Rs.10000
 ii) Purchased goods from Roshan Rs.5000
iii)Purchased goods from Mohan Rs.20000
iv)Sold goods to Leela Rs.25000
v) Sold goods to Praveena Rs.30000
vi)Sold goods to Praveen Rs.20000.

**Q.18** From the information given below prepare P & L account & B/S.

| Salaries | 70,000 | Capital | 6,00,000 |
|---|---|---|---|
| Rent | 30,000 | Commission received | 10,000 |
| Stationary | 5,000 | Sales | 1,65,000 |
| Cash | 45,000 | | |
| Furniture | 4,60,000 | | |
| Purchases | 84,000 | | |
| Machinery | 81,000 | | |
| Adjustments: Outstanding Rent Rs.1000, Depreciation on furniture @ 5%, Machinery @ 4%. | | | |

**Q.19**. Mr.Rajesh started business with cash Rs.3,00,000:
   i) Purchased 30 CTV's @10,000 each for cash.
   ii)Paid carriage on purchase Rs.2000
   iii) Sold 12 CTV's @12,000 each for cash
   iv)  Sold 10 CTV's @12,000 each to Rajnikant.
 v)  Paid salaries Rs.2,000 and Rent Rs.1,000
        Prepare P & L A/c.

**Q.20** Edit the following transactions:
        i.    Bought goods worth Rs.5,550, alter it to Rs.7,000
        ii.   Sold Goods to Roja Rs.5,000 alter it to Rs.3,000
        iii.  Cash received from Kamesh Rs.1,000 alter it to Krishna
        iv.   Paid cash to Yaday Rs.1,000, alter to bank.

**Q.21** From the following ledger balances of Ayaan  Ltd., prepare Trading and P & L a/c for the year ending  31-3-2018 and a balance sheet as at that date.

| Particulars | Rs | | Rs |
|---|---|---|---|
| Cash in hand | 15,000 | P & L a/c on 1-4-2009 | 80,000 |
| Cash at bank | 6,100 | share capital   20,000 equity shares @ 10/- | 2, 00,000 |
| Rent | 3,600 | | |
| Wages | 10,000 | sundry creditors | 20,500 |
| Bad debts | 500 | Bills payable | 10,000 |
| Plant and machinery | 68,000 | Sales | 2,70,000 |
| Opening stock | 21,000 | | |

| | | |
|---|---|---|
| Salaries | 6,000 | |
| Land and buildings | 1, 80,000 | |
| Furniture | 18,000 | |

**Q.22** Prepare funds flow from the given information below:

| Name Of The Account | Dr. RS. | Cr. RS. |
|---|---|---|
| Furniture | 20000 | - |
| Machinery | 100000 | - |
| Buildings | 200000 | - |
| Capital | - | 300000 |
| Cash | 10000 | - |
| Bills payable | - | 60000 |
| Trade debtors | 160000 | - |
| Trade creditors | - | 130000 |

**Q.23** . Prepare a cash flow statement for the following cash transactions.

a. Anil brought in cash towards Capital Rs.75000
b. Deposited into bank Rs.60000
c. Purchased goods Rs.9000
d. Sale of goods worth Rs.21000
e. Paid to Ganesh (a supplier) Rs.15000
f. Received from Hari (a customer) Rs.18000

**Q.24** Prepare ratios from the following information:

**Opening balance:**          Rs.
Capital                          150000
Machinery                        50000
Cash                             75000
Land                             50000
Plant                            50000
Bank                             25000

**Transactions:**
Purchased goods from Sita (cash)          4500
Sold goods for cash                       11500
Sold goods to Geeta                       17000
Paid salaries                             3000
Selling expenses                          1500
Distribution expenses                      500

**Q.25** Pass Following Transactions and Display Financial Statements
1. Ashok starts business with Rs. 100000/-
2. Purchase machinery for Rs. 50000/ and furniture for Rs. 10000
3. Paid amount for rent Rs. 1000/
4. Deposits Rs,. 10000/- in Bank
5. Purchase of goods for Rs. 20000/ from Mr. Ram on credit.
6. Sold goods to Mr. Rakesh for Rs. 10000/
7. Rs. 5000/ withdraws from bank for personal use.
8. Withdraws Rs. 1000/ for office use.
9. Received cash from Mr. Rakesh.
10. Paid to Mr. Ram.

**Q.26** Pass Following Transactions and Display Profit and Loss Account.

1. Mr. Ram starts business with Rs. 200000/- and deposited into bank Rs. 40,000.
2. Paid for office building Rs. 50000/ and furniture for Rs. 10000/-
3. Purchase raw material of Rs. 10000 on credit from Mr. Avinash.
4. Paid Wages Rs. 2000
5. Paid salary Rs. 10000
6. Return money to Mr. Avinash in settlement of Rs. 9500.
7. Sold goods to Mr. ShekarRs. 15000/-
8. Received interest on bank amount Rs. 500.
9. Received from Mr. Shekar after discount of Rs. 500.
10. Sold old news paper Rs. 450/-
11. Sold old furniture Rs. 4000/-

**Q.27**Record the following transactions in the books of "M/s Albert & Brothers" and display Trial Balance, Profit and Loss Account and Balance Sheet.

1. Albert starts business with Rs. 50,000.
2. He opens a SBI saving bank account and deposits Rs. 20,000.
3. Bought furniture for Rs. 5,000, machinery for Rs. 10,000.
4. Purchased goods for Rs. 14,000.
5. Sold goods for Rs.8, 000.
6. Purchased goods from Malhotra& Company for Rs. 11,000.
7. Paid telephone rent for the year by Cheque Rs. 500
8. Bought one typewriter for Rs. 2,100 from 'Universal Typewriter Co'. on credit.

**Q.28 Record** the following transactions in and display Profit and Loss Account and Balance Sheet.

**COMPANY NAME: - MAGNET BOOK STORE PRIVATE LIMITED**
**ADDRESS:        DHARAVI, MUMBAI - 400017**

| LEDGER NAME | UNDER GROUP | OPENING BALANCE | |
|---|---|---|---|
| SHARE CAPITAL | CAPITAL ACCOUNT | 15,00,000 | |
| LOAN FROM SBI BANK | SECURED LOAN | 5,00,000 | |
| PROVISION FOR DEPRECIATION | PROVISION | 450000 | |
| O/S RENT | CURRENT LIABILITY | 6000 | |
| O/S SALARIES | CURRENT LIABILITY | 8000 | |
| DEPOSIT FOR PREMISES | DEPOSITS (ASSETS) | 2,00,000 | |

| | | | | |
|---|---|---|---|---|
| INVESTMENT IN SHARES | INVESTMENT | 60,000 | | |
| FURNITURE | FIXED ASSETS | 28,000 | | |
| COMPUTERS | FIXED ASSETS | 50,000 | | |
| CASH IN BANK | BANK ACCOUNT | 1,00,000 | | |
| CASH IN HAND | CASH IN HAND | 75,000 | | |
| CLOSING STOCK | STOCK IN HAND | 50,000 | | |
| ABHYUDAYA BANK | BANK ACCOUNT | 1,25,000 | | |
| MACHINERY | FIXED ASSET | 2,00,000 | | |
| BUILDING | FIXED ASSET | 6,00,000 | | |
| Discount Allowed A/c | Indirect expenses | 1800 | Cash | |
| Commission Allowed A/c | Indirect expenses | 300 | cash | |
| Salary A/c | Indirect expenses | 500 | Cheque | |
| Travelling Expenses | Indirect expenses | 900 | Cheque | |
| Rent paid A/c | Indirect expenses | 450 | Cash | |
| Brokerage Account | Indirect expenses | 1250 | Cash | |
| Printing & Stationery | Indirect expenses | 600 | Cheque | |
| Electricity charges | Indirect expenses | 1200 | Cash | |
| Miscellaneous expenses | Indirect expenses | 820 | cash | |
| Advertisement | Indirect expenses | 960 | Cheque | |
| Office expenses | Indirect expenses | 1020 | Cheque | |
| Interest on loan | Indirect expenses | 350 | Cheque | |
| Delivery van expenses | Indirect expenses | 125 | Cheque | |
| Conveyance Expenses | Indirect expenses | 650 | Cheque | |
| Refreshment Expenses | Indirect expenses | 250 | Cheque | |
| Administrative expenses | Indirect expenses | 450 | Cheque | |
| Discount received A/c | Indirect income | 900 | Cheque | |
| Commission received A/c | Indirect income | 4500 | Cheque | |

**To maintain Stock Statement**

| Group | Categories | Stock item | Purchase price | Quantity | Godown |
|---|---|---|---|---|---|
| SCHOOL | ENGLISH | BALBARATHI | 80 | 1500 | DHARAVI |
| | | YUVAK BARATHI | 75 | 1000 | |
| | MATHS | ALGEBRA | 65 | 1300 | |
| | | GEOMETRY | 55 | 1200 | |
| COLLEGE | ACCOUNTS | BASIC | 85 | 1100 | SION |
| | | FINAL | 90 | 1000 | |
| | MATHS | ARITHMATIC | 45 | 1400 | |
| | | STATISTICS | 35 | 1350 | |

**Goods are purchased from these parties. (VAT @14.5%)**

| Date | Bill no. | Party name | Stock item | Godown | Qty |
|---|---|---|---|---|---|
| 1ST MAY | OM 001 | BABAJI STORE | BALBARATHI | DHARAVI | 450 |
| 1ST MAY | OM 002 | AMUL STORE | YUVAKBARATHI | DHARAVI | 500 |
| 1ST MAY | OM 003 | ANAND STORE | ALGEBRA | DHARAVI | 600 |
| 1ST MAY | OM 004 | ABINAYA STORE | GEOMETRY | DHARAVI | 310 |
| 1ST MAY | OM 005 | AZIM'S STORE | BASIC | SION | 900 |
| 1ST MAY | OM 006 | SARASWATI STORE | FINAL | SION | 150 |
| 1ST MAY | OM 006 | ANAND STORE | ARITHMATIC | SION | 450 |
| 1ST MAY | OM 007 | ABINAYA STORE | STATISTICS | SION | 750 |

**Goods are sold to these parties. (VAT @14.5%)**

| Date | Bill no. | Party name | Stock item | Godown | Qty | Selling price |
|---|---|---|---|---|---|---|
| 1ST JUNE | OM P001 | Reliance store | BALBARATHI | DHARAVI | 150 | 100 |
| 1ST JUNE | OM P002 | TATA store | YUVAKBARATHI | SION | 400 | 110 |
| 1ST JUNE | OM P003 | Omtex store | ALGEBRA | SION | 530 | 120 |
| 1ST JUNE | OM P004 | Vishwas store | GEOMETRY | DHARAVI | 310 | 130 |
| 1ST JUNE | OM P005 | Philips store | BASIC | DHARAVI | 1000 | 145 |
| 1ST JUNE | OM P006 | Omtex store | FINAL | SION | 200 | 125 |
| 1ST JUNE | OM P006 | IPL store | ARITHMATIC | SION | 360 | 165 |
| 1ST JUNE | OM P007 | Reliance | STATISTICS | DHARAVI | 900 | 175 |

**Purchase and Sales Return**

On 1st June, goods purchased from Babaji store has been returned. Details are

| Stock item | Godown | Quantity | Bill no. |
|---|---|---|---|
| BALBARATHI | Dharavi | 2 | OM 001 |

On 1st August, goods purchased from Saraswati store has been returned. Details are

| Bill no. | Godown | Quantity | Stock item |
|---|---|---|---|
| Om 006 | Sion | 1 | FINAL |

On 1st October, goods purchased from Anand store has been returned. Details are

| Bill no. | Godown | Quantity | Stock item |
|---|---|---|---|
| Om 003 | Sion | 5 | ARITHMATIC |

On 1st July, goods sold to Philips Store were returned. Details are

| Bill no. | Godown | Quantity | Stock item |
|---|---|---|---|
| Om p005 | Dharavi | 5 | BASIC |

On 31st December, goods sold to Reliance company were returned. Details are

| Bill no. | Godown | Quantity | Stock item |
|---|---|---|---|
| Om p007 | Sion | 2 | BALBARATHI |

On 31st January, 2011 goods sold to IPL store were returned. Details are

| Bill no. | Godown | Quantity | Stock item |
|---|---|---|---|
| Om p006 | Dharavi | 2 | ARITHMATIC |

**Contra Entries**

1. On 1st September, Withdraw Rs. 50000 from Abhyudaya bank for business purpose.
2. On 30th November, With drawn Rs. 25000 from Cash in bank for business purpose.
3. On 28th February, Deposit Rs. 25000 in Abhyudaya bank.

**Charging Depreciation**

On 31 – 3 – 2011 Charge depreciation @ 10% on furniture, 20% on computer, 12.5% on Machinery, 7.5% on Building

**Q. 29.** Create 3 stock items named milk, roti and mobile. Opening balances of these 3 stock items would be milk – 10 liters, roti – 20 pieces and mobile – 5 numbers.

**Q. 30.** Create 5 sundry debtor outside your state and 5 sundry debtor inside your state. Similarly, create 5 sundry creditor outside your state and 5 sundry creditor inside your state.

**Q. 31** Pass following Entries and display Day Book:-
1. Business started with cash 8,000 and plant & machinery 3,000.
2 - Stock purchase for sale (cash purchase)= 3,000, credit purchase = 5,000
3 - Wages paid 120,000(including 20,000 of future year).
4 - Salary paid 200,000 but due 110,000.
5 - Sale made for cash 600,000 & on credit 800,000.
6 - Depreciation 10 percent on plant & machinery.
7 - Goods costing 20,000 destroyed by fire.
8 - Payment made to creditor of 200,000 at 10 percent discount.

**Q. 32** Company A was incorporated on January 1, 2010 with an initial capital of 5,000 shares of common stock having Rs.20 par value. During the first month of its operations, the company engaged in following transactions:

| Date | Transaction |
|------|-------------|
| Jan 2 | An amount of Rs.36,000 was paid as advance rent for three months. |
| Jan 3 | Paid Rs.60,000 cash on the purchase of equipment costing Rs.80,000. The remaining amount was recognized as a one year note payable with interest rate of 9%. |
| Jan 4 | Purchased office supplies costing Rs.17,600 on account. |
| Jan 13 | Provided services to its customers and received Rs.28,500 in cash. |
| Jan 13 | Paid the accounts payable on the office supplies purchased on January 4. |
| Jan 14 | Paid wages to its employees for first two weeks of January, aggregating Rs.19,100. |
| Jan 18 | Provided Rs.54,100 worth of services to its customers. They paid Rs.32,900 and promised to pay the remaining amount. |
| Jan 23 | Received Rs.15,300 from customers for the services provided on January 18. |
| Jan 25 | Received Rs.4,000 as an advance payment from customers. |
| Jan 26 | Purchased office supplies costing Rs.5,200 on account. |
| Jan 28 | Paid wages to its employees for the third and fourth week of January: Rs.19,100. |
| Jan 31 | Paid Rs.5,000 as dividends. |
| Jan 31 | Received electricity bill of Rs.2,470. |
| Jan 31 | Received telephone bill of Rs.1,494. |

**33.** Mr. Nirmal has the following transactions in the month of April.

Write Journal Entries for the transactions.

10$^{th}$ April : Commenced business with a capital of 1,00,000

11$^{th}$ April : Purchased goods from Veeru for 20,000

13$^{th}$ April : Purchased Goods for Cash 15,000

14$^{th}$ April : Purchased Goods from Abhiram for cash 9,000

16$^{th}$ April : Bought Goods from Shyam on credit 12,000

17$^{th}$ April : Sold goods worth 15,000 to Tarun

19$^{th}$ April : Sold goods for cash 20,000

20$^{th}$ April : Sold goods to Utsav for cash 6,000

21<sup>st</sup> April : Sold goods to Pranav on credit 17,000

22<sup>nd</sup> April : Returned goods to Veeru 3,000

23<sup>rd</sup> April : Goods returned from Tarun 1,000

25<sup>th</sup> April : Goods taken by the proprietor for personal use 1,000

**Q. 34** Journalise the following transactions in the books of Rama & Sons

3<sup>rd</sup> May : Cash deposited into bank 60,000

4<sup>th</sup> May : Loan given to Bhuvan 20,000

4<sup>th</sup> May : Paid cash to Veeru 20,000

5<sup>th</sup> May : Paid to Veeru by cheque 15,000

5<sup>th</sup> May : Cash received from Tarun 12,000

5<sup>th</sup> May : Took loan from Anush 15,000

6<sup>th</sup> May : Cheque received from Pranav 15,000

6<sup>th</sup> May : Paid to Intel Computers by cheque 17,000

6<sup>th</sup> May : Withdrew from bank 5,000

7<sup>th</sup> May : Withdrew from bank for office use 8,000

7<sup>th</sup> May : Cash received from Bhuvan on loan account 10,000

8<sup>th</sup> May : Withdrew from bank for personal use 1,000

**Q. 35** Write journal entries in the books of Chikky&Bros and post them into relevant ledger accounts.

10<sup>th</sup> June : Paid wages 12,000

11<sup>th</sup> June : paid rent by cheque 10,000

13<sup>th</sup> June : Paid salary to Mr. Charan 12,000

14<sup>th</sup> June : Purchased stationery from Kagaz& Co. and paid by cheque 5,000

15<sup>th</sup> June : Received interest 14,000

17<sup>th</sup> June : Received commission by cheque 6,000

18<sup>th</sup> June : Rent received from Mr. Mody 8,000

19<sup>th</sup> June : Interest received from Mr.Bijju by cheque 10,000

20<sup>th</sup> June : Carriage paid on purchase of goods 3,000

22<sup>nd</sup> June : Carriage paid on sale of goods 2,000.

36. Assuming on your own figures prepare cash book for the following cash transactions.

a). Ramu brought in cash towards capital Rs. 25,000.

b). Deposited into the bank Rs. 20,000.

c). Purchased goods Rs. 3,000.

d). Sale of goods worth Rs. 11,000.

e). Paid to Hrithick (Supplier) Rs.7,000.

f). Received from (Mohan), Customer Rs. 6,000.

37. Prepare cash book with bank column for the following bank transcations in Andhra Bank and ascertain bank balances.

a). Balance at bank Rs. 2,00,000.

b). Paid to Ramesh Rs. 10,000 by cheque.

c). Paid to Mahesh Rs. 25,000 by cheque.

d). Received a cheque from Rani Rs. 38,000.

e). Received from SaritaRs. 50,000 by cheque.

38. Prepare a Trial Balance with the information given below:

| | |
|---|---|
| Furniture | 10,000 |
| Machinery | 50,000. |
| Building | 1,00,000. |
| Capital | 1,50,000. |
| Cash | 5,000. |
| Trade Debtors | 80,000 |
| Bills Payable | 30,000. |
| Trade Creditors | 65,000. |

39. Prepare Trading, Profit and Loss Account and a Balance Sheet from the following:

| Opening Balance | Amount (Rs) |
|---|---|
| Capital | 4,00,000 |
| Furniture | 1,00,000 |
| Cash | 30,000. |
| Building | 2.00,000. |
| Machinery | 70,000. |

Transactios:

| | |
|---|---|
| Purchased Goods | 20,000. |
| Sales | 40,000. |
| Paid Rent | 1,000. |
| Paid Salaries | 3,000. |
| Received Interest | 2,000. |

40. Enter the following transactions by creating relevant accounts and groups.

Transactions:

Purchased goods from Ram Rs. 10,000.

Purchased goods from RohanRs, 5,000

Purchased goods from  Rajni Rs.20,000.

Sold goods to Lucky Rs 25,000.

Sold goods to RaveenaRs. 30,000.

Sold goods to Kamala Rs. 20,000.

41. Compute net profit from the following data?

| | |
|---|---|
| Capital Introduced | 4,00,000. |
| Cash Purchases | 50,000 |
| Cash Sales | 1,00,000 |

| | |
|---|---|
| Rent Paid | 5,000 |
| Salaries Paid | 10,000 |
| Interest Received | 2,000. |
| Legal Expenses Paid | 1,000. |
| General Expenses | 400. |

42. Mr. Zaid started business with Cash Rs. 3,00,000.

a). Purchased 20 color TVs @ Rs. 10,000 each for cash.

b). Paid carriage on purchases Rs. 2,000.

c). Sold color TVs @ Rs. 12,000 each for cash.

d). Sold color TVs @ Rs,12,000 each to Sham.

e). Paid salaries Rs. 2,000 and Rent Rs. 1,000.

Prepare Profit and Loss Account and Balance Sheet.

43. Prepare the following transactions and generate a purchase register.

Purchased goods from Gupta  Rs. 10,000.

Purchased goods from Vijay Rs. 5,000.

Purchased goods from GopiRs. 2,000.

Purchased goods from Ram Rs. 5,000.

Purchased goods from Ahmed Rs. 20,000.

Purchased furniture on credit from X Ltd., Company Rs. 12,000.

44. Edit the following transactions.

a). Bought goods worth Rs. 5,550, alter it to 7,000.

b). Goods sold to AsifRs. 5,000, alter it to 2,300.

c). Cash received from RaheemRs. 1,000, alter it to Krishna.

d). Paid cash to UdayRs. 1,000, alter it to bank.

45. Create a company with full details, enter the following transactions.

a). Priyanka started business, Rs. 3,00,000.

b). Opened an account with bank, Rs. 20,000.

c). Bought furniture by cheque, Rs. 3,000.

d). Paid office rent Rs. 500.

e). Cash purchases Rs. 15,000.

f). Cash sales Rs. 5,000.

46. Prepare a bank book with the following transactions.

a). Balance at SBI Rs. 1,50,000.

b). Paid to Mr. OwaisRs. 50,000 by cheque.

c). Paid GeetaRs. 25,000 by cheque.

d). Cash withdrawn by cheque Rs. 20,000 for office use.

e). Deposited a cheque for Rs. 5,900 and cash Rs. 500.

47. Show the trial balance for the information given below.

| Name of the Account | Debit | Credit |
|---|---|---|
| Furniture | 10,000 | - |
| Machinery | 50,000 | - |
| Building | 1,00,000 | - |
| Capital | -- | 1,50,000 |
| Bills Payable | -- | 15,000 |
| Cash | 5,000 | -- |

48. Enter the following transactions and create a Balance Sheet.

| Particular | Debit | Credit |
|---|---|---|
| Cash in Hand | 1,00,000 | -- |
| Bills Receivable | 10,000 | -- |
| Sundry Debtors | 40,000 | -- |
| Motor Car | 20,000 | -- |
| Sundry Creditors | -- | 50,000 |
| Bills Payable | -- | 5,00,000 |
| Capital | -- | 1,00,000 |

49. Compute Net Profit from the following data:

| | |
|---|---|
| Capital Introduced | 4,00,000. |
| Cash purchases | 50,000. |
| Cash Sales | 1,00,000 |
| Rent paid | 5,000 |
| Received commission | 2,000 |
| Paid Legal expenses | 1,000 |
| Paid for printing | 500 |
| Paid general expenses | 400. |

50. Prepare a Balance Sheet for the following transactions in the Books of Mr. Arif Khan.

a). Commenced Business with Cash Rs. 50,000.

b). Deposited in to the bank Rs. 40,000.

c). Purchased Machinery, payment made by cheque Rs.30,000.

d). Purchased goods for cash Rs. 5,000.

e). Sold goods for cash Rs. 8,000.

f). Paid salaries Rs. 2,000.

********** **********

**FACULTY OF COMMERCE, OSMANIA UNIVERSITY**

***B.Com Honors (CBCS)-IV Semester***

**E-COMMERCE AND DIGITAL MARKETING**

| | |
|---|---|
| **Time: 60 Minutes** | **Record** : 10 |
| | **Skill Test** : 15 |
| | ------ |
| | **Total Marks** : 25 |
| | ------ |

**Note: All the questions should be practiced using Microsoft Front page/any related tools.**

**The students should be taught the usage of appropriate html tags for these questions**

In the practical examination the students have to write the procedure for performing the given task in front page followed by the html tags used to perform the task.

1. Create a simple web page to display your college name in bold format with Times new roman font, underlined and centered at the top of the page.

2. Create a web page to display the time table of your class using tables.

3. Create a web page to demonstrate various marquee effects over a given text.

4. Create a web page to display an unordered list consisting of various input and output devices of a computer.

5. Create a web page to display a hyperlink which when clicked directs you to your college website.

6. Create a web page to display an ordered list of courses offered in your college.

7. Create a web page to display a table with 2 rows and 2 columns. Also insert images in the cells of the table.

8. Create a web page to display a hyperlink which when clicked directs you to Amazon website.

9. Create a web page to demonstrate the usage of bold, italic and underline, strong, emphasize and strikethrough tags.

10. Create a web page to display the following output: $H_2So_4$ and $(a+b)^2 = a^2 + 2ab + b^2$

11. Create a web page to demonstrate various heading tags using your college name as the text.

12. Create a web page to demonstrate your college name aligned with the logo of your college.

13. Create a web page to demonstrate definition lists taking various applications of ecommerce as an example.

14. Create a web page to display a bulleted list of subjects available in the current semester.

15. Create a web page to give scrolling effect of an image.

16. Create a web page to display a button which when clicked directs you to your college website.

17. Create a web page to display various courses in your college. The courses should be separated by a horizontal ruler of varying sizes and color.

18. Create a web page to display four horizontal frames each frame containing a different color.

19. Create a web page to display four vertical frames each frame containing a different color.

20. Create a web page to display a button with label "search" adjacent to a text box. Also change the color of text box.

21. Create a web page to display a table containing 2 rows and 2 columns which contains the names of your friends and each cell filled with different background colors.

22. Create a web page to demonstrate the usage of all formatting tags.

23. Create a web page which asks for mode of payment which includes the options: Credit card/Debit card/Online transfer (use radio buttons)

24. Create a web page which asks the user to enter his credit card details. Use textboxes, drop down buttons.

25. Create a web page to describe about your college in a paragraph which is left aligned. Also insert date and time at the bottom of a web page.

26. Create a web page to display a hyperlink which when clicked displays excel sheet containing student details.

27. Create a web page to display definition list which defines the terms: B2B, B2C, C2B, C2C.

28. Create a web page with paragraphs left, right and center aligned to explain about various social networking sites. The paragraphs should be on different colors and separated by horizontal lines of varying sizes.

29. Create a web page which displays four buttons containing text B2B, B2C, C2B, C2C. Also when a button is clicked details about the clicked subject should appear on a separate page.

30. Create a web page to display the text "Digital Marketing" which scrolls randomly.

31. Create a web page to scroll the text "E-Commerce" for exactly 5 times from left to right of the screen.

32. Create a web page to insert an image which when clicked redirects you to your college website.

33. Create a web page to display the name of your college in h6 size with blue as font color and background color yellow separated by a thick line and below which a paragraph about the facilities offered by your college is described.

34. Create a web page to demonstrate a pull-down menu. The menu should contain the list of your favorite south Indian dishes.

35. Create a web page with name of your college as text. The text should scroll, alternate and slide.

36. Create a web page to display an image surrounded by text on all the four sides.

37. Create a web page to display 3 images which are aligned left, right and center respectively.

38. Create a web page with 4 paragraphs of about 5 lines each describing about E-Marketing, E-Shopping, E-banking and E-Learning. The paragraphs should be aligned left, right, center and justified respectively.

39. Create a web page with name of your college as Text in h6 size, font as verdana, blue as font color followed by a copyright symbol and trademark symbol.

40. Create a login page asking the user to enter his username and password followed by a submit button.

41. Create a web page using a form which collects data about student rollno, name and marks in various subjects followed by submit and reset buttons.

42. Create a web page using a form titled as Feedback form which takes the feedback of faculty teaching a particular subject in your college. The form should have fields student name, rollno followed by 5 check boxes labeled Excellent, Very Good, Good, Average, Bad respectively.

43. Create a web page to display the list of universities available in Telangana state using a pull-down menu.

44. Create a web page to display an image surrounded by text on left and right sides.

45. Create an unordered list of popular B2C ecommerce web sites.

46. Create a web page using a default theme in front page to describe about OSMANIA UNIVERSITY.

47. Create a user registration form for an upcoming examination.(use textboxes, pull-down menus, option boxes, submit button)

48. Create an ordered list of various courses offered at graduate and postgraduate level in OSMANIA UNIVERSITY.

49. Create a borderless table to display the various subjects and faculty names teaching that subject during the current semester.

50. Create a webpage to insert an image using all the image attributes.

# FACULTY OF COMMERCE, OSMANIA UNIVERSITY

## B.Com (CBCS) VI – Semester (For All Streams)
## Practical Question Bank

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### BC 606: COMMERCE LAB

Time: 60 Minutes

Record    : *10*
Skill Test  : *15*
Total Marks : 25

Max. Marks: 70PF* + 30VV

# Unit I
1. Explain the procedure to obtain license in the form of a chart.
2. Collect a trade license application form and fill the details
3. Explain the procedure to obtain labour license form from the department of labour.
4. Fill a registration form under shops and establishments Act.
5. Fill a renewal form under shops and establishments Act.
6. Fill an NOC (amendment) fom under shops and establishments Act.
7. Fill a principal employer registration form under contract labour act.
8. Draft a partnership deed in which 3 partners take part with imaginary details not exceeding three pages
9. Write what a fair report is and prepare such a report for an imaginary organization
10. You deposit Rs..**1000** into a bank account and received Rs.**50** simple interest after **3 months**. What had been the interest rate?
11. You invest Rs.1000 for 3 years and get 10% interest compounded at the end of each year. Calculate compound interest.
12. What are the methods of calculating EMIs, Explain\
13. State the formula for calculating EMIs
14. Explain what a qualified report is and draft a qualified report with any three remarks.
15. Obtain an **annual report** of a company and draft a similar report with imaginary details.

## Unit II
1. Describe the structure of Commercial Banking in India with the help of a chart.
2. Explain the Functions of commercial banks with the help of a chart.
3. Show the types of loans granted by the Commercial Banks in the form of a chart.
4. Explain the structure of a cooperative credit Institution in the form of a chart.
5. Draw the specimen Bank Passbook and fill in the columns.
6. Draw Home Loan application form by giving the particulars.
7. Draw a Debit card specimen and fill it.
8. Draw an ATM card specimen and fill it.
9. Draw a Credit card specimen and fill it.
10. Show the steps involved in Credit Appraisal in the form of a chart.
11. Draw a chart showing the procedure to receive an insurance policy.
12. Draw a chart showing Agency application procedure.

**Unit III**

1. Prepare a chart showing any ten important differences between a public and private company
2. Prepare a chart showing kinds of companies
3. Obtain a copy of Memorandum of Association of a company and make a note of important contents from it.
4. Obtain a copy of Articles of Association of a company and make a note of important contents from it.
5. Obtain a copy of Prospectus issued by a company and make a note of important contents from it.
6. Fill a specimen of Trust Registration form.
7. Draw a Chart showing the rights of a Consumer.
8. Obtain an Annual Report of a company and draft a similar report with imaginary details.
9. Prepare a list of the necessary documents to be submitted when a complaint is to be lodged in a
10. Consumer Forum
11. Draw a chart showing the hierarchy of consumer redressal agencies in India and explain one agency with references to jurisdiction powers and constitution
12. Draft a complaint to District Consumer Forum on the deficiency of service in a reputed corporate hospital for medical negligence
13. Briefly explain the procedure to file a complaint under RTI Act 2005

## Unit IV

1. From the following particulars fill form 49A: Name: Ranjit, Father's name: Balakrishnan, Residential address : Flat no-120, Ram residency, Barkathpura, Hyderabad Office address: Little Flower Degree College, Uppal, Hyderabad, AP, Date of birth: 3-5-1982, Address for communication: Residential address : Cell no. 9877654335, Tel no. 27708232, Email id: ranjit@yahoo.com. Proof of address: Driving license, Date of application: 12-8-2009, Assessing officer code details: Area code:    AFR, A.O type O, Range code  50, AO code 02, Name to be printed on PAN card:    Ranjith Sahini.

2. From the following particulars submitted to you by your client, help her in applying for P.A.N: NAME: Rajalakshmi Dixit (before marriage), Ragini Chandrashekar (after marriage), Father's name: Harish Dixit, Husband's Name: Vikas Chandrashekar, Residential address:---Office address--------, Date of birth:    3-4-1977,  Address for communication:  Office address----- Cell no----, Tel no-----, Email id------, Proof of address; bank's pass book  ----, Proof of identity:   office ID card  -----, Date of application:  12-8 2009,  Assessing officer code details: Area code- APR,  AO type- O, Range code - 5.

3. Mr Ram Prasad, S/o Surya Prasad, Date of birth: 2-12-1988, is resident of 67, Sainikpuri, Secunderabad, Tel no. 27722342 and mobile is 9898767654. email id: rams@yahoo.com, is working as a legal advisor to Maya  Chit fund Pvt. Ltd, Ramakrishnapuram, Secunderabad. Office Tel no. 27110087. He wants to apply for PAN of Income Tax Dept. Hyd. Name to be printed on PAN card: Ram Prasad,  Proof of address: Ration card, Proof of identity: Driving license.

4. Moon Tech Company Limited is registered as a limited company under the Companies Act .1956. Its incorporation certificate no MKL-8976-09, dated 6th June, 2008, commenced business in the previous year relevant to the current assessment year.

The object clause of Memorandum of Association states Real estate development, cable, and mobile business. According to the situation clause, the registered office is as follows: 10, S.P. Road, Secunderabad 5000001, Tel no: 040-27342167, Fax no: 91-11-275465. Corporate office: f-4, Jainagar, block-V, Bangaluru, Chairman: Mr Rohit Williams, M.D: Basheer Khan (authorized person), Authorised Capital: 80 crores, MD is authorized to represent the company in all matters including income tax returns. Address of MD: Basheer Khan, 44, Basavan Gudi, Bangluru. Name on PAN card: Moontech Company Limited. 2, AO No. – 05, Name to be printed on PAN: Ragini Chandrashekar.

5. Prepare a chart showing the Residential Status of an Individual.

6. From the following particulars, prepare Form - 16 of IT rules relating to financial year 2009-10:T.D.S certificate no: RS/308/2009-10, The form to be prepared : Original, TAN of Deductor: HYDH0713C, Name of the employer : Hindusthan Cables Ltd , Name of the employee : Sri Ramesh Mohan,* PAN of the employee: BBNPM2699L, * Details of salary (per annum in Rs): Basic pay 200000, DA: 75000, HRA: .32000 (Exemption limit 21000), Perquisite value : Life insurance premium paid by employer - Rs. 15000, SAVINGS U/s 80 C: Contribution to RPF - Rs. 40000, N.S.C VIII Issue - Rs.30000.

7. From the following prepare Form - 16: T.D.S Certificate No: RS/322/2008-09, The form to be prepared: Original, TAN of Deductor: NAG0722D, Name of the employer: SRI SOFTWHERE LTD, Name of the employee: Sri Varun Gopal, PAN of the employee: BBYPG4612D, Officer of the company: K. Sharma S/o Teja, MD of the company, Address of the company: H. No. 567, Surya apartments, Nagpur , Maharashtra, Salary details: Basic pay - Rs. 625000, Perquisites - Rs. 125000, Exempted allowances – Rs. 40000, Professional tax paid – Rs. 4800, Income from house property: Loss from self occupied house - Rs. 100000, Deductions U/s 80c: Rs. 80000, TDS: Rs. 12000.

8. From the following, prepare Form 16:Name:Ravi, Father's name: Radhakrishnan, Residential address: 23-90-12/B, Near main market, Dilshuknagar, Hyderabad. PAN AAEPR2337A Employer's address: Rashi homio products Ltd, 66-78, Mahindra hills, Secunderabad. Salary (Gross) Rs.1285000. Exempted allowances nil. Profession tax Rs.2400, Deductions U/s 80: 80C Rs.100000. 80 E Rs.21000. TDS Rs.262720.

9. Mr Arjun is working in ACS Company Ltd situated at 67, Balanagar, Hyd.From the fFollowing particulars of Mr.Arjun, prepare form 12BA of IT rules (statement showing the details of perquisites).

| 10. Sno | 11. Perquisite | 12. value as per IT Rules (Rs.) | 13. recovered from the employee (Rs.) |
|---|---|---|---|
| 14. 1 | 15. Rent free accommodation | 16. 108000 | 17. 60000 |
| 18. 2 | 19. Credit card expenses | 20. 32000 | 21. 15000 |
| 22. 3 | 23. Club expenses | 24. 12000 | 25. Nil |
| 26. 4 | 27. Use of motor | 28. 65000 | 29. 12000 |

10. From the following particulars of Mr.Anand, prepare form - 12BA of IT rules: **Statement showing the details of perquisites**

| 11. Sno | 12. Perquisites | 13. value of perq as per IT rules (Rs.) | 14. recovered from employee (Rs.) |
|---|---|---|---|
| 15. 1 | 16. Transfer of assets | 17. 60000 | 18. 15000 |
| 19. 2 | 20. Servants | 21. 21000 | 22. nil |
| 23. 3 | 24. Use of motor car | 25. 44000 | 26. 12000 |
| 27. 4 | 28. Electricity bill paid | 29. 12000 | 30. nil |

11. Mr. Anand is working as sales manager in Adarsh Company Ltd., Basheerbagh Hyderabad.His income from salary is Rs. 580000 PAN-AASP3456SPAN of the company - AABCA3345S.

12. Prepare a table showing difference between Long term and Short Term Capital Gains.

13. Prepare a table showing provisions for Set off and Carry forward of losses.

14. Prepare a table showing the Deductions from GTI u/s 80.

15. Prepare a chart showing the various income tax return forms indicating the type of assesses to whom they are applicable.

16. From the following particulars are submitted to you, prepare ITR – 1 and write your comments. Name of the Employee: Sri vavilala Banu Prasad, Fathers name: Sri. V. Laxmikant, Date of birth: 19-8-1980, PAN: APCPV3679U, Cell no: 9865686312, Residential Address: 9-9-7/1, Shivaji Palem, Vishakapatnam- 530017, Name of the employer: Kaveri Constructions Limited, Office address: 84-17-11, Opp: RTC Complex, Ashok Nagar, Vishakapatnam – 530016, Tel no: 2362178. Income particulars: Income from Salary: Rs.5,16,200, Interest on Bank deposits Rs.8,400. Deductions: 80 C → 64,000, 80D → 5,100, 80G as per Income Tax Rules Rs. 900, During the previous year, he paid advance tax Rs. 10,000 and the company has made TDS Rs. 34,000. He paid the balance tax at the time of filing return of income.

17. From the following calculation of tax liability, prepare Challan No ITNS 280 with acknowledge receipt, under self assessment for the A.Y. 2010-11:Details of payment: Income tax Rs.130900, Surcharge Rs.12009, Education cess Rs.2441, Secondary and higher education cess Rs.1165, Tax amount due to be paid through crossed cheque number 006578, dated 12-05-2010, Allahabad Bank, RP Road, Secunderabad. Residential address: 124, RamTowers, Kushaiguda, Secunderabad. Tel no. 040-27786542, Cell no. 9247889988, Name of the assessee: Saketh Kumar, PAN ABCPK2345A, Residential status: Ordinary resident.

18. From the following particulars, prepare challan to pay the tax amount due to IT Department: AY: 2010-11, Name of the assessee: Sairam Kumar, PAN: ADEPK7890R, Address: ------, Tel no: ----, Cell no: ---, Tax computation: Total income Rs.14,67,500. The tax is paid on 16-3-2009 in cash.

19. From the following particulars, prepare intimation u/s 143(1) of Income Tax of 1961 for the assessment year 2009-2010, dated 14.12.2009:Name of the assessee: Mr. Ranjit Singh, PAN: ACPPS3892G, Addres:-------, AO Code: 938 HYD. Acknowledgement No. 265/C/2009. Due date of submission of return: 31.7.2010. Date of filing of return: 27.7.2010. Agriculture Income Rs.40,000. Non Agriculture Income Rs.2,25,000. Income Tax after deducing rebate on agricultural income: Rs.7,500. Surcharge: nil, Total Rs.7500. Edication cess + Higher education cess @ 3% Rs.225,TotalTaxRs.7025, Prepaid Tax Rs.5,000, Self Assessment Tax Rs.2730, Tax Due nil.

20. Fill specimen of GST Registration form.

21. What is an Assessment Order.

## Unit V
1. Present the important features of business transactions in the form of a poster.
2. Prepare a Chart showing classification of industries
3. Prepare a chart of showing branches of trade
4. Prepare a chart of showing branches of commerce
5. Prepare a chart showing difference between trade, commerce and industry.
6. Prepare a table showing Hindrances in distribution of goods and Elements which overcome these hindrances
7. Exhibit important objectives of business through a chart.
8. Present important characteristics of a businessman to be successful.
9. Prepare a chart showing the classification of business organizations
10. Show the classification of partners in a partnership firm through a chart.
11. Prepare a chart showing the stages in incorporation of a company
12. Present the features of a company in form of a chart
13. Draw a table showing the differences between a public sector enterprises and private sector enterprises
14. Prepare a chart showing forms of public enterprises.
15. Prepare a report on various activities taken up by various business units under CSR in and around their residence.
16. Draw a chart on levels of corporate social responsibility.
17. Prepare an exhibit of the regulatory frame work of Income Tax Act, in India in the form of a chart.
18. Draw a chart showing various taxes imposed by the Government of India..
19. Specify various Income tax Authorities through a table.
20. Draw a chart showing the Functions of RBI
21. Organizational set-up of the Reserve Bank of India in the form of a chart.
22. Draw a chart to exhibit the Powers of SEBI.
23. Draw a Chart showing the powers of IRDA.
24. Draw a chart showing Import procedure.
25. Draw a chart showing Export procedure.

**B.Com Computers/Computer Applications (CBCS)-VI Semester**

**E-COMMERCE**

**Time: 60 Minutes**

| | | |
|---|---|---|
| **Record** | : 10 |
| **Skill Test** | : 15 |
| | ------ |
| **Total Marks** | : 25 |
| | ------ |

**Note: All the questions should be practiced using Microsoft Front page/any related tools.**

In the practical examination the students have to write the procedure for performing the given task in front page followed by the html tags used to perform the task.

1. Create a web page to display the following output: (use textboxes, submit button)

Name: _____

Address: _____

Submit

2. Create a web page to display the time table of your class using tables.

3. Create a web page which accepts user input as shown below.

Name: _____
Address: _____
State: _____
City: _____
Pincode: _____

Place your order

4. Create a web page to modify the default properties of h1 tag using internal style sheet.

5. Create a web page to display an ordered list of courses offered in your college.

6. Create a web page to display a table with 2 rows and 2 columns. Also insert images in the cells of the table.

7. Create a web page to display a hyperlink which when clicked directs you to Amazon website.

8. Create a web page to demonstrate various marquee effects over a given text.

9. Create a web page to display the following output:

   (take your own data into consideration)

   | Title | |
   |---|---|
   | Description of the image in a paragraph | Image |

10. Create a web page to display the following output: $(a+b)^2=a^2+2ab+b^2$

$$H_2SO_4$$

11. Create a web page to demonstrate the usage of nested tables as shown in the diagram below:

   | Rubber | baby | | She | sells |
   |---|---|---|---|---|
   | buggy | bumpers | | sea | shells |

12. Create a web page which acts as a home page where your college name is properly aligned with the logo of your college followed by address and contact details at the center of the page.

13. Create a web page to demonstrate definition lists by taking various applications of ecommerce as an example.

14. Create a web page to display a bulleted list of subjects available in the current semester.

15. Create a web page to give scrolling effect of an image (preferably your college logo).

16. Create a web page to display a button which when clicked directs you to your college website.

17. Create a web page to display various courses in your college. The courses should be separated by a horizontal ruler of varying sizes and colors.

18. Create a web page to display four horizontal frames each frame containing a different color.

19. Create a web page to display four vertical frames each frame containing a different color.

20. Create a web page to display a button with label "search" adjacent to a text box. Also change the color of text box and background of the web page.

21. Create a web page to display a table containing 2 rows and 2 columns which contains the names of your friends and each cell filled with different background colors.

22. Create a web page to demonstrate the usage of rowspan and colspan for the figure below:
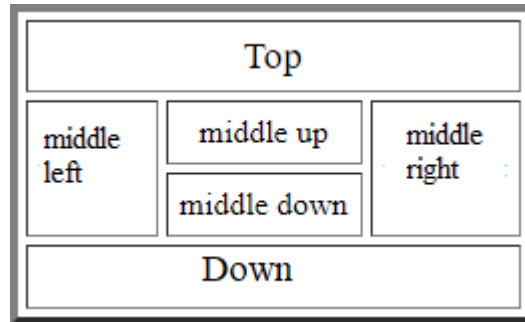


23. Create a web page which asks for mode of payment which includes the options: Credit card/Debit card/Online transfer (use radio buttons)

24. Create a web page which asks the user to enter his credit card details. Use textboxes, drop down buttons.

25. Create a web page to generate a purchase order as shown below:



26. Create a web page to display a hyperlink which when clicked displays excel sheet containing student details.

27. Create a web page to display definition list which defines the terms: B2B, B2C, C2B, C2C.

28. Create a web page with paragraphs left, right and center aligned to explain about various social networking sites. The paragraphs should be on different colors and separated by horizontal lines of varying sizes.

29. Create a web page which displays four buttons containing text B2B, B2C, C2B, C2C. Also when a button is clicked details about the clicked subject should appear on a separate page.

30. Create a web page to modify the default properties of h1 tag using external style sheet.

31. Create a web page to scroll the text "E-Commerce" for exactly 5 times from left to right of the screen.

32. Create a web page to insert an image which when clicked redirects you to your college website.

33. Create a web page to display the name of your college in h6 size with blue as font color and background color yellow separated by a thick line and below which a paragraph about the facilities offered by your college is described.

34. Create a web page with OSMANIA UNIVERSITY as the title and five buttons labelled Home, About Us, Courses, ,feedback, Contact us as shown in the diagram which when clicked displays the details on a separate pages.
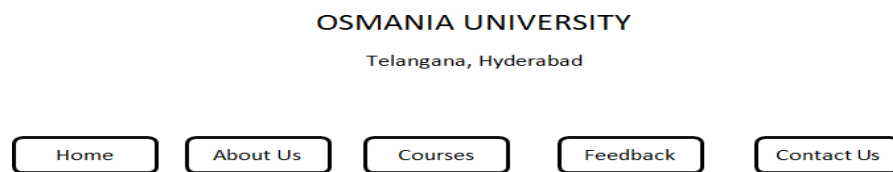


35. Create a web page to demonstrate a pull-down menu. The menu should contain the list of your favourite south Indian dishes.

36. Create a web page with name of your college as text. The text should scroll, alternate and slide.

37. Create a web page to display an image surrounded by text on all the four sides.

38. Create a web page with 4 paragraphs of about 5 lines each describing about E-Marketing, E-Shopping, E-banking and E-Learning. The paragraphs should be aligned left, right, center and justified respectively.

39. Create a web page with name of your college as Text in h6 size, font as verdana, blue as font color followed by a copyright symbol and trademark symbol.

40. Create a login page asking the user to enter his username and password followed by a submit button.

41. Create a web page to create links to the sections on the same page.

42. Create a web page using a form which collects data about students rollno, name and marks in various subjects followed by submit and reset buttons.

43. Create a web page using a form titled as Feedback form which takes the feedback of the various facilities offered in your college. The form should have fields student name, rollno followed by 5 check boxes labelled Excellent, Very Good, Good, Average, Bad respectively.

44. Create a web page to display the list of universities available in Telangana state using a pull-down menu.

45. Create a web page to display an image surrounded by text on left and right sides.

46. Create a web page using a default theme in front page to describe about OSMANIA UNIVERSITY.

47. Create a user registration form for an upcoming examination.(use textboxes, pulldown menus, option boxes, submit button)

48. Create an web page to display a multilevel list taking your own example.

49. Create a table to demonstrate colspan, rowspan, cellspacing and cell padding attributes of a table.

50. Create a webpage to insert an image using all the image attributes.

*B.Com Computer Applications (CBCS)-VI Semester*

**MANAGEMENT INFORMATION SYSTEM**

| Time: 60 Minutes | | |
|---|---|---|
| | Record | : 10 |
| | Skill Test | : 15 |
| | | ------ |
| | Total Marks | : 25 |
| | | ------ |

**Note: All questions have to be practiced using Ms-Access**

**A.** Create a database named "EmployeeAddress.mdb" and perform the following tasks
( for questions 1 to 10 )

Create a table named "Address" having following table structure and enter 10 records

| Fieldname | Datatype | Description |
|---|---|---|
| EmpId | Number | Primary Key |
| FirstName | Text | |
| LastName | Text | |
| Dob | Date/Time | |
| Married | Yes/No | |
| Address | Text | |
| City | Text | |
| State | Text | |
| Pin | Number | |
| Mobile | Number | |
| Email | Text | |

1.  Sort the records in the ascending order of FirstName field.

2.  Prepare a query to display the EmpId, FirstName and Mobile fields.

3.  Prepare a query to display all the employees details whose city is Hyderabad.

4.  Prepare a query to display all the employees details whose FirstName begins with character 'S'.

5.  Prepare a query to display all the employees details whose city is "Mumbai" or "Delhi".

6.  Prepare a query to display all the employees details who are born after 1990 and whose city is "Hyderabad".

7.  Prepare a form for the table and enter 5 records through the form.

8.  Prepare a query which asks user to enter the city name and display the details of the employees belonging to that city.

9.  Prepare a query to display all the employees who are married.

10. Generate a report consisting of the fields EmpId, FirstName, Dob and Mobile number.

**B.** Create a database named "Employee.mdb" and perform the following tasks:

(For questions from 11 to 20)

Create a table named "EmpSalaryTable" having following structure and enter 10 records.

| Fieldname | Datatype | Description |
|---|---|---|
| EmployeeId | Text | Primary Key |
| EmployeeName | Text | |
| BasicSalary | Currency | |
| DA | Currency | |
| HRA | Currency | |
| TA | Currency | |
| PF | Currency | |
| GrossSalary | Currency | |
| NetSalary | Currency | |

11. Prepare a query to display the columns EmployeeId and BasicSalary.
12. Prepare a query to Calculate the DA as 50% of BasicSalary.
13. Prepare a query to Calculate the HRA as 20% of BasicSalary.
14. Prepare a query to Calculate the TA as 10% of BasicSalary.
15. Prepare a query to Calculate the GrossSalary as BasicSalary+DA+TA+HRA.
16. Prepare a Query to Calculate the PF as 12% of BasicSalary.
17. Prepare a Query to Calculate the NetSalary as GrossSalary-PF.
18. Sort the employee details in the increasing order of NetSalary.
19. Generate a form to display the details of all the employees.
20. Generate a report to display the fields EmployeeId, EmployeeName, BasicSalary, GrossSalary and NetSalary.

**C .** Create a database named "StudentCourseDetails" and perform the following tasks:

(forquestionsfrom 21 to30)

Createatableswiththefollowingstructure andenter5 recordsin CourseTableand10 recordsinStudentTable

Table name:"CourseTable"                                    Table name:"StudentTable"

| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| Cid | Text | Primary Key |
| Cname | Text | |

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| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| Sid | Text | Primary Key |
| Sname | Text | |
| Cid | Text | Foreign key |
| DOB | Date/ Time | |
| Phone | Number | |

21. Create a query to display all the fields  in CourseTable..

22. Create a query to display all the fields in StudentTable.

23. Insert 5 new records in StudentTable.

24. Create a query to display fields Cid, Sid and Sname from CourseTable and StudentTable.

25. Prepare a query to display the fields Sid, Sname, Phone from StudentTable.

26. Prepare a query to display all the students studying a particular course.

27. Sort the records in Student Table in ascending order of  Snames.

28. Prepare a form for StudentTable and enter 5 records.

29. Prepare a query to display all the students whose Name begins with the character "S".

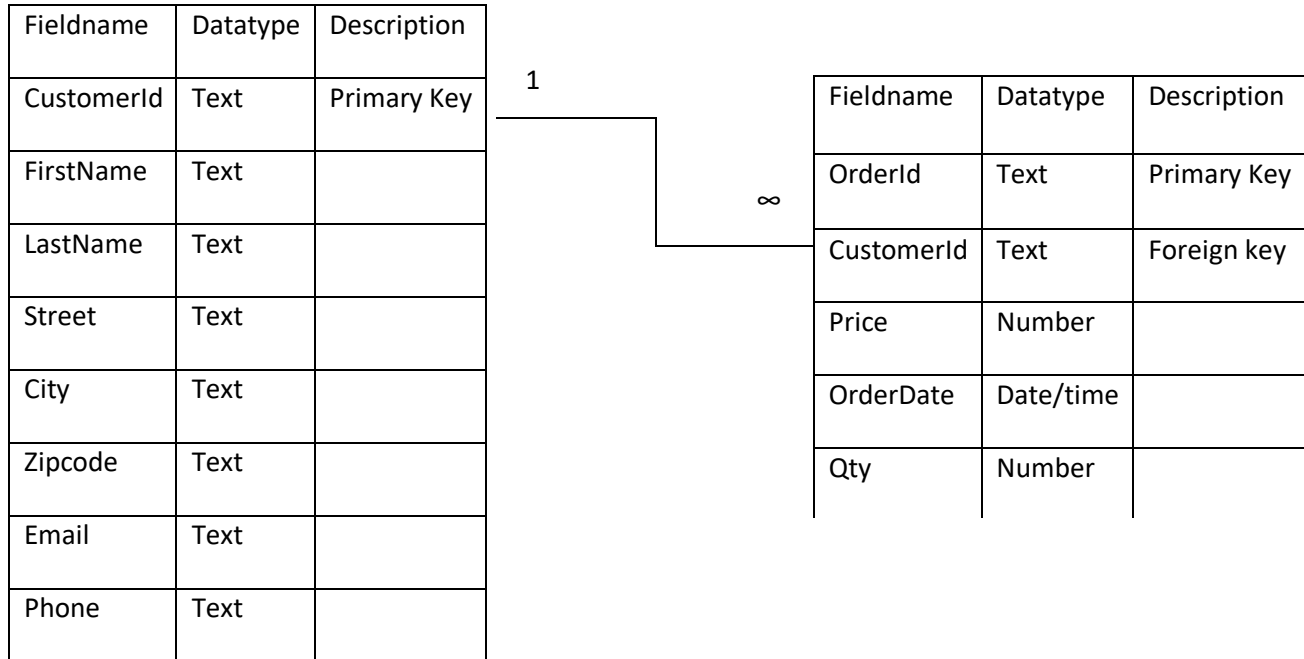30. Prepare a report to display details of StudentTable.

**D .** Create a database named "CustOrders.mdb" and perform the following tasks:

(for questions from 31 to 40)

Create a tables with the following structure and enter 5 records in CustomerTable and 10 records in order table

Table name:"CustomerTable"                                   Table name:"OrdersTable"

| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| CustomerId | Text | Primary Key |
| FirstName | Text | |
| LastName | Text | |
| Street | Text | |
| City | Text | |
| Zipcode | Text | |
| Email | Text | |
| Phone | Text | |

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| Fieldname | Datatype | Description |
|-----------|----------|-------------|
| OrderId | Text | Primary Key |
| CustomerId | Text | Foreign key |
| Price | Number | |
| OrderDate | Date/time | |
| Qty | Number | |

31. Create a query to display all the fields in CustomerTable.

32. Create a query to display the fields Orderid,CustomerId from  OrdersTable.

33. Insert 5 new records in the OrdersTable.

34. Prepare a query to display the fields Id, FirstName, LastName,, Phone from the CustomerTable.

35. Prepare a query to display all the fields in the OrdersTable.

36. Prepare a query to display the fields Id, FirstName, LastName, OrderId, Qty from the two tables.

37. Prepare query to display the fields OrderID, CustomerID, Qty from OrdersTable where Qty>10.

38. Prepare a query to display all the customers whose FirstName begins with the character "A".

39. Generate a form for CustomerTable.

40. Generate a report to display the details of Order Table.

**E.** Create a database named "Marks.mdb" and perform the following tasks:(for questions from 41 to 50)

Create a table named "StdMarksTable" having following structure and enter 10 records.

| Fieldname | Datatype | Description |
|---|---|---|
| StudentId | Text | Primary Key |
| StudentName | Text | |
| Marks1 | Number | |
| Marks2 | Number | |
| Marks3 | Number | |
| Total | Number | |
| Average | Number | |
| Result | Text | Pass/Fail |

41. Display the student details in the ascending order of StudentName.

42. Display the student details in the deceasing order of Marks1.

43. Prepare a query to Calculate the Total as sum of Marks1,Marks2, Marks3.

44. Prepare a query to Calculate the Average.

45. Prepare a query to Calculate the Result taking your own criteria.

46. Prepare a Query to display the fields StudentId, Total, Average, Result.

47. Prepare a Query to display all the students in the ascending order of their names.

48. Sort the students in the ascending order of their totals.

49. Generate a form to display the details of all the students.

50. Generate a report to display the students details who have passed.

**A sample of the Portfolio to be prepared by the students of B.Com. Final Year for commerce lab paper which will be evaluated for 70 marks. The remaining 30 marks are for Viva-voce examination and it is for 30 marks. The question bank for viva-voce examination is provided separately.**

## PORTFOLIO
### (Should contain the following)

1. Specimen of a trade license application form
2. Specimen of a registration form under shops and establishments Act.
3. Specimen of a renewal form under shops and establishments Act.
4. Specimen of a NOC (amendment) form under shops and establishments Act.
5. Specimen of a principal employer registration form under contract labour act.
6. A copy of a partnership deed of an existing firm
7. A copy of an annual report of an existing company
8. A copy of a audit report of an existing company
9. Bank account opening form.
10. Money pay-in-slip
11. Withdrawal form – fill up a specimen with particulars.
12. Specimen of a Promissory note with details.
13. Specimen of bill of exchange with particulars.
14. Specimen of a bearer cheque.
15. Specimen of General crossing cheque
16. Specimen of special crossing cheque
17. Overdraft application form
18. Term loan application form.
19. Specimen form for pledge.
20. Specimen form for hypothecation.
21. Specimen form for mortgage
22. Specimen of life insurance application form.
23. Specimen of PF application form.
24. Obtain a copy of Memorandum of Association of a company
25. Obtain a copy of Articles of Association of a company
26. Obtain a copy of Prospectus issued by a company
27. Copy of a Commercial Invoice
28. Application form for  Certificate of Origin
29. Specimen Copy of Certificate of Origin
30. Specimen Copy of Mate Receipt
31. Specimen Copy of Shipping Bill
32. Specimen Copy of Bill of Lading
33. Specimen Copy of Letter of Credit
34. Specimen Copy of Bill of Exchange
35. Specimen Copy of Bill of Entry
36. Application Form of Marine Insurance Policy

37. Specimen copy of form ITR 1 SAHAJ form
38. Specimen copy of form ITR 2
39. Copy of form no49A (Application for allotment of PAN)
40. Specimen copy of form 16
41. Specimen of Trust Registration form.
42. Specimen of GST Registration form

Students are required to do the above personally and gain the knowledge of filling the above documents and the same are to be kept in a portfolio

*B.Com Computers (CBCS) –VI Semester*

**RELATIONAL DATABASE MANAGEMENT SYSTEM**

**Time: 60 Minutes**

| | |
|---|---|
| **Record** | **: 10** |
| **Skill Test** | **: 15** |
| | ------- |
| **Total Marks** | **: 25** |
| | ------- |

**A.** Create a **Supplier** table as shown below : (for questions from 1 to 10)

| Sup_No (Primary Key) | Sup_Name | Item_Supplied | Item_Price | City |
|---|---|---|---|---|
| S1 | Suresh | Keyboard | 400 | Hyderabad |
| S2 | Kiran | Processor | 8000 | Delhi |
| S3 | Mohan | Mouse | 350 | Delhi |
| S4 | Ramesh | Processor | 9000 | Bangalore |
| S5 | Manish | Printer | 6000 | Mumbai |
| S6 | Srikanth | Processor | 8500 | Chennai |

1. Write sql query to display Suplier numbers and Supplier names whose name starts with 'R'

2. Write sql query to display the name of suppliers who supply Processors and whose city is Delhi.

3. Write sql query to display the names of suppliers who supply the same items as supplied by Ramesh.

4. Write sql query to increase the price of Keyboard by 200.

5. Write sql query to display supplier numbers, Suplier names and itemprice for suppliers in delhi in the ascending order of itemprice.

6. Write sql query to add a new column called CONTACTNO.

7. Write sql query to delete the record whose itemprice is the lowest of all the items supplied .

8. Create a view on the table which displays only supplier numbers and supplier names.

9. Write sql query to display the records in the descending order of itemprice for each itemsupplied.

10.  Write sql query to display the records of suppliers who supply items other than Processor or Keyboard.

**B.** Below are the details of Employees working for a software Company. (For questions from 11 to 20)

Create the table called **EmpDetails** with the below mentioned details.

| Eid (Primary Key) | Ename | DOB | Designation | Salary | DOJ |
|---|---|---|---|---|---|
| E101 | Suma | 29-Dec-89 | Designer | 20000 | 01-Apr-10 |
| E102 | Amit | 10-Jan-95 | Programmer | 25000 | 18-Feb-18 |
| E103 | Payal | 15-Aug-85 | Tester | 35000 | 13-Jun-11 |
| E104 | Kiran | 20-Apr-90 | Programmer | 40000 | 7-Mar-14 |
| E105 | Meenal | 29-May-83 | DBA | 50000 | 9-Dec-11 |
| E106 | Sheila | 1-May-70 | Analyst | 60000 | 25-Sep-18 |
| E107 | Swamy | 13-Jan-85 | Programmer | 45000 | 14-Feb-16 |
| E108 | Sushma | 22-Dec-76 | DBA | 45000 | 31-Jan-12 |

11. Write sql query to display all the employees whose designation is Programmer.

12. Write sql query to display employees who have joined after 2014.

13. Write sql query to display all the employees whose name ends with 'a'.

14.  Write sql query to display the total salary of all the employees whose designation is programmer.

15. Write sql query to display all the employee names in upper case.

16. Write sql query to display the details of the employee with highest experience.

17. Write sql query to display the details of the employees whose name contains 'ee'.

18. Write sql query to increase the salaries of employees by 5000 whose designation is DBA.

19. Write sql query to display the employees whose salary is more than the average salary of all the employees.

20. Write sql query to display the record in the following format:

   xxxxxxxxx is working as xxxxxxxxxxxxxx with a Salary of Rs.xxxxxxxx

eg: Suma is working as Designer with a Salary of Rs. 20000

**C.** Create the two tables as shown below with the given constraints: (for questions 21 to 30)

Table name: **Employee**                                         Tablename: **Department**

Constraints: Eid is Primary key and DeptId is foreign key          Constraints:DeptId Primary key

Salary should not be less than 10000                               and Dname is NOT NULL

| Eid (Primary Key) | Ename | DeptId (Foreign Key) | Designation | Salary ( > 10000) | DOJ |
|---|---|---|---|---|---|
| 101 | Sudha | D2 | Clerk | 20000 | 01-Apr-10 |
| 102 | David | D1 | Manager | 50000 | 18-Feb-18 |
| 103 | Preethi | D3 | Clerk | 35000 | 13-Jun-11 |
| 104 | Kiran | D1 | Salesman | 20000 | 7-Mar-14 |
| 105 | Meenal | D2 | Clerk | 50000 | 9-Dec-11 |
| 106 | Sunitha | D3 | Manager | 60000 | 25-Sep-18 |
| 107 | Akhil | D3 | Clerk | 25000 | 14-Feb-16 |
| 108 | Sushma | D2 | Manager | 45000 | 31-Jan-12 |

| DeptId (Primary Key) | Dname |
|---|---|
| D1 | Sales |
| D2 | Marketing |
| D3 | Finance |

21.  Write sql query to display all the employees who earn more than average salary of all the employees in the company.

22. Write sql query to display the fields Eid, Ename and Dname.

23. Write sql query to sort the employee table in the descending order of salaries.

24. Write sql query to list all the job designations in the employee table without repetitions.

25. Write sql query to display all the employee details Department wise and in the ascending order of their salaries.

26. Write sql query to display all the clerks in DeptId D2.

27. Write sql query to display all the employees who joined in the year 2011.

28. Write sql query to display all the employees who joined in the month of February.

29. Write sql query to display all the employees whose salary is between 30000 and 45000.

30.   Write sql query to display all the employee details along with their work experience in the company till current date.

**D.** Below are the details of Students enrolled in various course of B.Com (For questions from 31 to 40)

Create the table called **Student** with the below mentioned details.

| Sid (Primary Key) | Sname | DOB | State | Gender | Category | Course |
|---|---|---|---|---|---|---|
| 1001 | Neha | 29-Dec-02 | Telangana | F | Gen | Comp |
| 1002 | Arun | 10-Jan-02 | Telangana | M | OBC | Honors |
| 1003 | Payal | 15-Aug-01 | Maharashtra | F | Gen | Appl |
| 1004 | Amrita | 20-Apr-02 | Karnataka | F | OBC | Honors |
| 1005 | Pavan | 29-May-03 | AndhraPradesh | M | ExServicemen | Comp |
| 1006 | Anchal | 1-May-03 | Gujarat | F | OBC | Comp |
| 1007 | Ramya | 13-Jan-02 | Telangana | F | Gen | Appl |
| 1008 | Rakesh | 22-Dec-01 | AndhraPradesh | M | Sports | Comp |

31. Write sql query to display the students who are not from Telangana or AndhraPradesh.

32. Create a view to display the columns Sid, Sname for students belonging to Telangana.

33. Write sql query to create an index on column Sname.

34. Write sql query to display all the female students enrolled under Comp course and who belong to OBC.

35. Write sql query to display the student ids, names, and their present age.

36. Write sql query to display the students in the ascending order of their names for each course.

37. Write sql query to delete all the students records who have enrolled for Comp course and who are born after 2002.

38. Write a sql query to add two new columns Contactno and Email to the existing fields.

39. Writs an sql query to display all the Student names prefixed with Mr./Ms. Based on Gender column.

40. Write an sql query to display all the Student names where the length of the name is 5 characters.

**E.** Create a Table for Library Information : (for questions from 41 to 50)

Table name: **Library**

Constraints: BookId is primary key and BookName is NOT NULL

| BookId (Primary Key) | BookName | Author | DatePurchased | Publisher | Price |
|---|---|---|---|---|---|
| B101 | Cost Accounting | Jain Narang | 11-Feb-13 | Kalyani | 800 |
| B102 | Business Statistics | OP Aggarwal | 22-Dec-11 | Himalaya | 750 |
| B103 | Rdbms | C J Date | 2-Mar-15 | TMH | 900 |
| B104 | Mgmt Accounting | RK Sharma | 19-Apr-16 | Kalyani | 450 |
| B105 | Operating Systems | Galvin | 25-Nov-13 | PHI | 750 |
| B106 | Advanced Accounting | SC Gupta | 16-Apr-18 | Himalaya | 600 |

41. Write sql query to display the list of authors from Himalaya publications.

42. Write sql query to display the total cost of books purchased Publisher wise.

43. Write sql query to count the total number of books under Kalyani publications.

44. Write sql query to rename the column Publisher as Publications.

45. Write a sql query to display the books in the ascending order of DatePurchased.

46. Write sql query to create an index on the fields BookName and Author.

47. Write sql query to display the books whose price is between 500 and 700

48. Write sql query to increase the price of all the books by 200 for publishers other than Himalaya or Kalyani.

49. Write sql query to display the book details where author name contains the name Sharma.

50. Create a view to display the fields BookId and BookName where the Publisher is Himalaya.