

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

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*B.Com (Computer Applications) CBCS Semester - V W.E.F.2022-23*

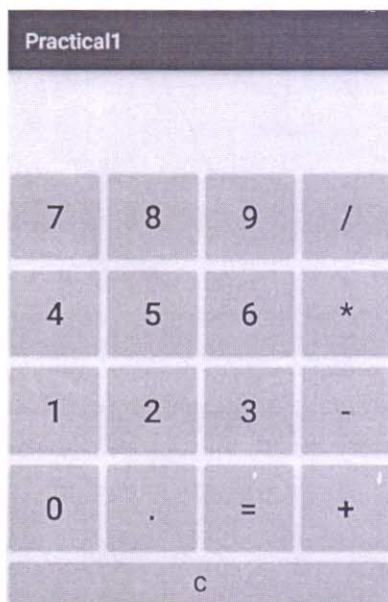
**MOBILE APPLICATION - Paper: 503**


Time: 60 Minutes

Record	: 10
Viva-voce	: 10
Skill Test	: 15
Total Marks	: 35

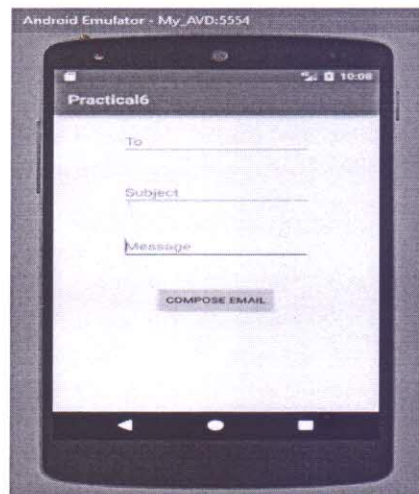
*Objective: Learning outcomes: To design, implement, document and present a mobile client/server system using Android studio and XM. It is necessary to use a mobile phone emulator to develop and demonstrate the experiments. It may be necessary to use other components or existing resources (servers) as needed.*

1. Write down the steps for creating an android virtual device (AVD) on Android Studio.
2. Run an application on AVD in Android Studio.
3. Write procedure to develop an application on Android studio.
4. Write procedure to create first android project.
5. Write a program to design an android user interface using the Graphical Layout Tool.
6. Write a program to create a manifest file. (manifest.xml)
7. Write an xml code to implement linear layout.
8. Write an xml program to create UI elements on a layout.
9. Write an xml code to implement content provider.
10. Write an xml program to design the following calculator format

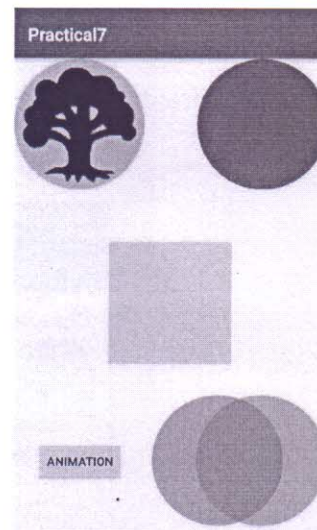
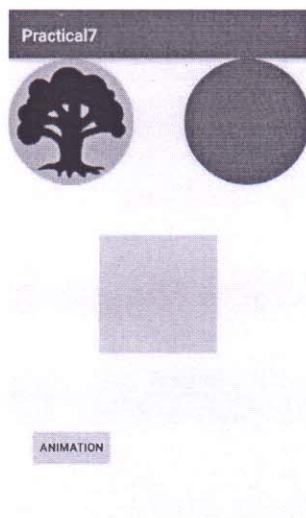


  
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11. Create an xml code to demonstrate seek bar on your device.
12. Write an xml code to develop an application for connecting to the internet and sending an email.



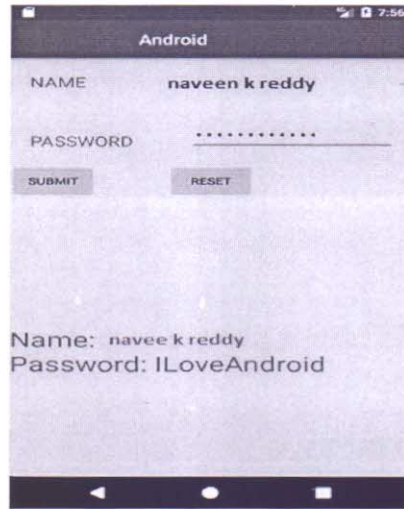
13. Write an xml code to develop an application working with graphics and animations



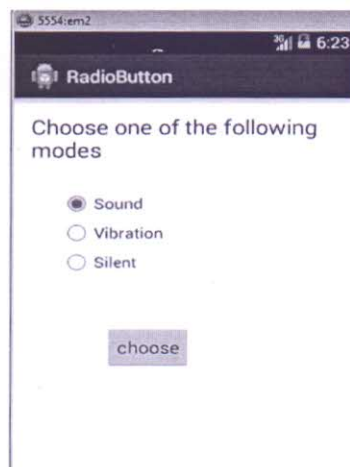
14. Create an xml program to implement following
  - i) Checkbox
  - ii) Radio button
  - iii) Buttons

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15. Create an application that takes the name from a text box and shows hello message along with the name entered in text box, when the user clicks the OK button.



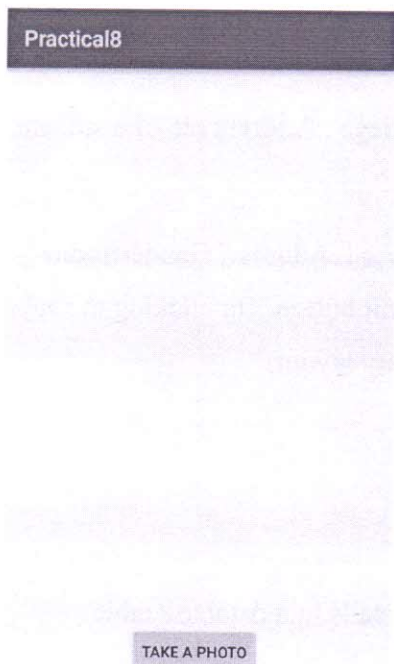
16. Write a program to create a gallery  
17. Write an xml program to demonstrate transitions.  
18. Write an xml program to create a seekbar.  
19. Write an xml code to create an implicit intent  
20. Write an xml code to create an explicit intent  
21. Design an android application using radio buttons



22. Create an android application for menu

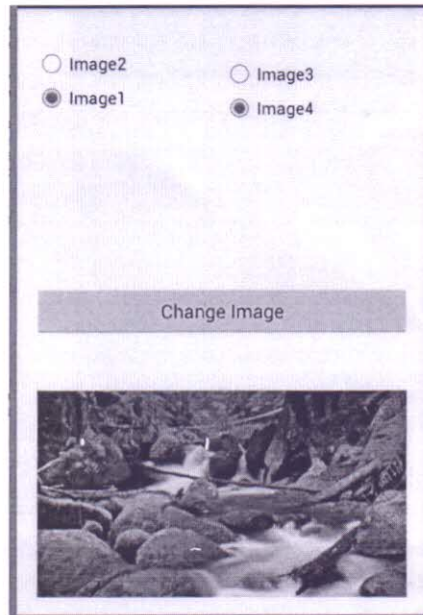


23. write an xml program to set transparency of an image and it should rotate 90 degrees.  
24. develop an application for working with device camera



25. write an xml program to develop an application for working with location based services.  
26. write an xml code to create an activity

27. write a program to change the image on the screen



28. Write an android program to create sound buttons

29. Write an XML program to demonstrate menu application

30. Design an android application to display Name, Class, College , Address etc of a student.

31. Create a screen that has input boxes for User Name, Password, Address, Gender(radio buttons for male and female), Age (numeric) and a Submit button. On clicking the submit button, print all the data below the Submit Button (use any layout)

32. Design an android application Send SMS using Intent

33. Design an android application Using Radio buttons.

34. Create a user registration application that stores the user details in a database table

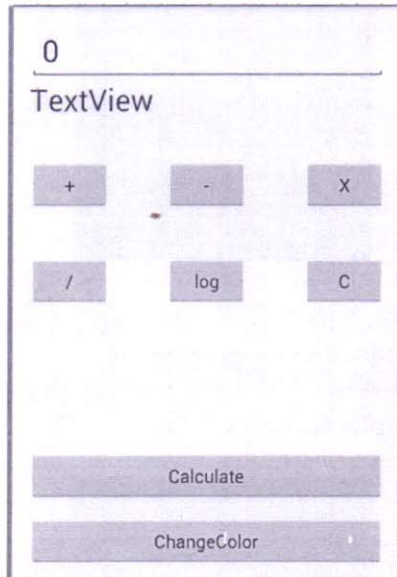
35. Design an android application to record an audio

36. Design an android application to record a video

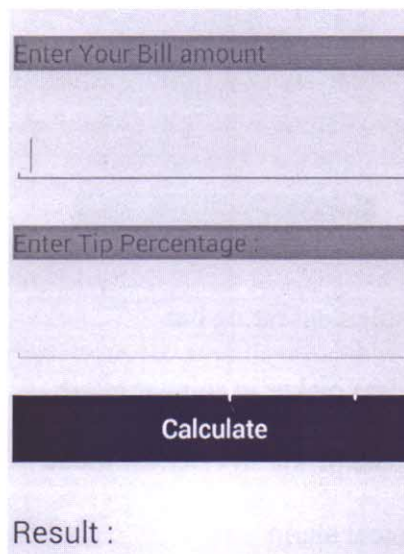
37. Write an XML program to send an E-Mail.

38. Write an XML program to create a thread.

- 39. Write an xml program to view an animation.
- 40. Write a program how to define menu hierarchy in xml
- 41. Write a program how to create custom grid view layout in android
- 42. Write a program to create the following



- 43. Write a program to design the following



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