

B.Sc. I-Semester practical Exam
Paper I (Microbial diversity and Lower Plants)
Question Bank

1. Identify in the given component A & B in the Algal mixture

A. Oscillatoria , Nostoc , Volvox , Chara

B. Oedogonium , Ectocarpus , Polysiphonia

2. Gram staining of bacteria.

C. Curd (Lacto bacillus, gram +ve)

3. Take a thin section E of given disease material. "E"

E. Section Cutting

a. White rust of crucifer

b. rust on wheat

c. Tikka disease of ground nut

4. Identify the given specimen, F,G,H by giving reason

F: Specimen

a. White rust of crucifer

b. Rust of wheat

c. Tikka disease of ground nut

G: Specimen

a. Angular leaf spot of cotton

H. Specimen

a. Rice Tungro

b. Tobacco mosaic disease

c. Papaya leaf curl virus

5. Commonnet on the given slides I and J

I. Slides

a. Oscillatoria,

b. Nostoc,

c. Volvox,

d. Oedogonium

J. Slides

a. Albugo,

b. Mucor,

c. Saccharomyces,

d. Pencillium,

e. Puccinia,

f. Cercospora

6. Identify the given specimen K and L

K- (Specimen)

a. M archantia

b. Anthoceros

c. Polytrichum

L- (Slides)

a. Equisitum,

b. Marsilia,

c. Lycopodium