

# SRI A.S.N.M.GOVERNMENT COLLEGE (A)

## PALAKOL

### I B.Sc - BOTANY

#### PRACTICAL EXAMINATIONS - MODEL PAPER

(W.e.f. 2018-19 Admitted Batch)

#### PAPER –I SEMESTER -I

*Paper-I: Microbial Diversity, Algae and Fungi*

Time 3hrs

Max. Marks: 50

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1. Identify giving reasons two of the given **Algal mixture** "A". Leave your preparation for evaluation. Draw labeled diagrams. (Slide--1marks, Diagrams--1marks, Identification--1mark)  
3 x 2 = 6 Marks
  2. Make suitable stained preparation of the **material "B"** to bring out the details of internal structure--identify giving reasons. Draw labeled diagrams and leave your preparations for evaluation. (Slide-4 marks, diagrams-3 marks, Identification-3marks)  
10 Marks
  3. Conduct "C" - Gram staining of Bacteria  
9Marks.
  4. Write critical notes and Identify "D, E, F, G and H"  
15 Marks.
  5. Record (submission is compulsory)  
10Marks.

Total: 50 Marks

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#### Key:

- A. Algal material.
- B. Fungi material.
- C. Bacterial material.
- D. Instruments of Micro biology.
- E. Whole specimen or permanent slide of Algae.
- F. Whole specimen or permanent slide of Fungi.
- G. Whole specimen or permanent slide of plant pathology.
- H Whole specimen or permanent slide of Lichens