

Botany Practical Examination, November/December-20

PBO-1001: Botany Practical-I

[BASED ON TOPICS COVERED IN CBO-1001]

[*Bacteriology, Phycology, Mycology and Plant Pathology*]

Date: / /20

[In force from June 2010]

Place:

Time: 5 Hours]

[Maximum Marks: 50

Instruction: Students are requested to follow instructions given by the examiners.

1. Proceed to perform simple staining/special staining from the given sample **A**. Write principle of staining technique. Show your preparation to the examiner. 05

OR

1. Perform Bacterial mobility/Protozoan motility of the given water sample **A** by hanging drop method. Show your preparation to the examiner. 05
2. Identify and describe the structural peculiarities observed in the given specimens **B, C, D** and **E**. 16
3. Make temporary slide of the reproductive organ from the specimen **F** and show your preparation to the examiner. 05
4. Expose and mount the pathogen from the specimen **G**. Draw a labeled diagram of observed structure under microscope and show your preparation to the examiner. 05
5. Identify and describe peculiarities seen in slides **H, I,** and **J**. 06
6. (a) Journal 03
(b) Submission 05
(c) *viva-voce* 05