

Online BDP Term End (Practical) Examinations : December 2020 & June 2021  
ঐচ্ছিক পাঠ্যক্রম ( Elective Course )

Practical  
উদ্ভিদবিদ্যা (Botany)  
EBT- 4 : Botany - I

**Instructions with Model Questions**

- \* Examinees are asked to go through this model question to solve the final MCQ during the examination.

❖ **Instructions :**

The questions will be of MCQ type from the reduced syllabi (available in the NSOU website). There will be four options for answer. You will have to answer the correct one. Examinees need to go through the topics carefully and are expected to have an application based approach while they are covering a topic. Examinees can expect several types of questions from the different topics of the reduced syllabi. They are advised to follow the following points.

• **Workout / identification based topics :**

Examinees are expected to have a clear idea about its characteristics and systematic position (as and when applicable) of different samples. In this case examinees are suggested to read the special characteristics for that sample, intensively.

Must have a knowledge of all reagents/chemicals and instruments used for these purposes.

• **Experiment based topics :**

Examinees are advised to know about the four major part of that experiment *i.e.* **Principle, Materials** and **Methods** (How the experiment is performed and uses of different materials), **Observation** and **Conclusion** part.

❖ **Model Questions :**

1. স্টেজ মাইক্রোমিটারের ক্ষুদ্রতম ঘরের মান কত ?

What is the value of the smallest cell in the stage micrometer ?

2. *Polysiphonia*-র অঙ্গজ দেহটি অণুবীক্ষণ যন্ত্রে কিরূপ দৃশ্যমান ?

How is the vegetative filament of *Polysiphonia* visible under microscope ?

3. 1% ল্যাকটোফেনলের দ্রবণ কিভাবে প্রস্তুত করবেন ?

How to prepare 1% Lactophenol solution ?

4. *Oedogonium* কোন্ শ্রেণিভুক্ত শৈবাল ?

*Oedogonium* belongs to which algal class ?

5. PDA প্রস্তুতকরণে কোন্ ধরনের জল ব্যবহার করা হয় ?

Which type of water is used during PDA preparation ?

6. *Marchantia* থ্যালাসের মধ্যভাগ কি ধরনের কোষ দ্বারা গঠিত ?

The central middle portion of *Marchantia* thallus is composed of which type of cell ?

7. *Lycopodium* কাণ্ডের প্রকৃতি কিরূপ ?

What is the nature of *Lycopodium*'s stem ?

8. *Selaginella* কাণ্ডের স্টিলির প্রকৃতি কিরূপ ?

What is the nature of stele found in *Selaginella*'s stem ?

