

PSCBOTT16.5 / BOT-16 / PSSBOTT16-Paper-XVI (Sect-II) : Basic Botany-II

P. Pages : 1

Time : Three Hours



GUG/S/18/20244

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw diagram wherever necessary.

1. What is photophosphorylation? Describe the cyclic and noncyclic photophorylation. **16**

OR

Write on:

- a) Glycolysis. **8**
b) Process of nitrogen fixation. **8**

2. What is plant succession? Explain Hydrosere and xerocer. **16**

OR

Write on:

- a) Lamarckism. **8**
b) Causes of environmental pollution. **8**

3. Write about economic importance of spices and condiments. **16**

OR

Write on:

- a) Fodder and forage. **8**
b) Cultivation of Indian tea and coffee. **8**

4. What is fossilization? Write its process and types of fossil preservation. **16**

OR

Write on:

- a) Geological time scale. **8**
b) Changes in organic life through ages. **8**

5. Write short notes on:

- a) Plasmolysis. **4**
b) Green house effect. **4**
c) Resin and gum. **4**
d) Economic importance of fossils. **4**
