

M.Sc.(Botany) (CBCS Pattern) Semester-IV  
**PSCBOTT16.5 - Paper-XVI - Basic Botany-II**

P. Pages : 1

Time : Three Hours



**GUG/W/24/11366**

Max. Marks : 80

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

**1. Write an essay on Mechanism of Photosynthesis. 16**

**OR**

Write on;

- a) Movement of water in plants. 8  
b) Reproduction in plants. 8

**2. Describe in brief mechanism of plant succession. 16**

**OR**

Write on:

- a) Ecological groups of plants. 8  
b) Environmental pollution. 8

**3. Define Economic Botany? Give detail account on plants used as spices and condiments. 16**

**OR**

Write on:

- a) Plants used as Beverages. 8  
b) Gum and Resin yielding plants. 8

**4. Describe Geological Time Scale and changes in organic life through ages. 16**

**OR**

Write on:

- a) Process of fossilization. 8  
b) Economic importance of Fossils. 8

**5. Write Short note on:**

- a) Tropic movements in plants. 4  
b) Darwinism. 4  
c) Fodder and Forage plants. 4  
d) Paleobotany 4

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