

**012B - Botany Paper-I: Plant Diversity & Conservation-I**

P. Pages : 2

Time : Three Hours



GUG/S/23/13327

Max. Marks : 50

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

1. Write on:

- a) Biodiversity at Global level. 5  
b) Biodiversity at Agro-level. 5

**OR**

Write short notes on:

- c) Genetic Biodiversity. 2½  
d) National Biodiversity. 2½  
e) Species Biodiversity. 2½  
f) Importance of Biodiversity. 2½

2. Write on:

- a) Forest Biodiversity. 5  
b) Fresh water Biodiversity. 5

**OR**

Write short notes on:

- c) Desert Biodiversity. 2½  
d) Wet land Biodiversity. 2½  
e) Man grove Biodiversity. 2½  
f) Coral Reef Biodiversity. 2½

3. Write on:

- a) Hot-spot of Biodiversity of world. 5  
b) Phytogeographical classification of India. 5

**OR**

Write short notes on:

- c) Biogeographical Himalayan zone. 2½
- d) Biogeographical western Ghat zone. 2½
- e) India as megadiversity Nation. 2½
- f) Phytogeographical region-central India. 2½

4. Write on:

- a) Causes of loss of Biodiversity. 5
- b) Causes & factors of mass extinction. 5

**OR**

Write short notes on:

- c) Threatened species. 2½
- d) Deforestation. 2½
- e) Vulnerable species. 2½
- f) Red data book. 2½

5. Write in two to three line only **any ten**.

- a) Define Biodiversity. 1
- b) IUVN 1
- c) Micro-Biota 1
- d) Cold desert 1
- e) Estuarine 1
- f) Tidal habit 1
- g) Western sun land 1
- h) Cerrado 1
- i) Endangered species 1
- j) Exploitation. 1
- k) Blue data book. 1
- l) Extinct. 1

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