

B.Sc. CBCS Pattern Semester-VI  
**012B - Botany-I: Plant Diversity & Conservation-I**

P. Pages : 2

Time : Three Hours



GUG/W/23/13327

Max. Marks : 50

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Notes : 1. All questions are compulsory and carry equal marks.

1. a) Describe global diversity. 5  
b) Explain ecosystem biodiversity. 5

**OR**

Write note on.

- a) Genetic diversity. 2½  
b) Species diversity. 2½  
c) Agro level Biodiversity. 2½  
d) Importance of biodiversity. 2½
2. a) Describe desert ecosystem. 5  
b) Describe types of coral reefs. 5

**OR**

Write note on.

- a) Grassland biodiversity. 2½  
b) Forest biodiversity. 2½  
c) Estuarine biodiversity. 2½  
d) Importance of mangroves. 2½
3. a) Explain Hot Spots Biodiversity of the world. 5  
b) Explain India as a mega diversity nation. 5

**OR**

Write note on.

- a) Western ghat. 2½

- b) Gangetic plain. 2½
- c) Deccan peninsula. 2½
- d) Semi arid. 2½
4. a) Explain threats of biodiversity. 5
- b) Explain causes and factors of mass extinction. 5

**OR**

Write note on.

- a) Loss of biodiversity. 2½
- b) Endangered plants. 2½
- c) Red data book. 2½
- d) Blue data book. 2½
5. Write your answer in one or two line **any ten.** 10
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|----------------------|----------------------------|
| a) Abiotic factor.   | b) Producer.               |
| c) Humus.            | d) Delta.                  |
| e) Polyps.           | f) Lagoon.                 |
| g) Island.           | h) Trans Himalayan region. |
| i) Spiny vegetation. | j) IUCN.                   |
| k) WCU.              | l) UNEP.                   |

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