

**PC-501**  
**M.Sc. Botany (FOURTH SEMESTER)**  
**Examination- JUNE-2020**

Compulsory  
Paper-II  
**PLANT RESOURCE UTILIZATION AND CONSERVATION**

**Time:- Three Hours ]**

**[Maximum Marks:80**

नोट : दोनो खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित है।

Note: Answer from Both the Section as Directed. The Figures in the right-hand margin indicated marks.

**Section-A**

**1. ANSWER THE FOLLOWING QUESTIONS**

**1x10**

- (a) Which day is celebrated as "world environment day"?
- (b) How many terrestrial hot spots for conservation of biodiversity are identified worldwide?
- (c) Give name of any one fibre yielding plant?
- (d) Cotton fibre is obtained from which part of plant?
- (e) Give name of any two medicinal plants?
- (f) Give name of any one underground stem vegetable?
- (g) Name the drug which is used in the treatment of high blood pressure and hypertension?
- (h) What is the full name of W.C.S.?
- (i) What is D.B.T.
- (j) What are aerosols?

**2. GIVE VERY SHORT ANSWER OF THE FOLLOWING QUESTIONS.**

**2x5**

- (a) What is Ex-situ conservation.
- (b) What is biodiversity.
- (c) What are the principal sources of vegetable oils in India.
- (d) What are Sanctuaries.
- (e) Give the names of national park of Chhattisgarh.

**Section B**

**ANSWER ALL QUESTIONS**

**15x4**

- 3. What are the three major threat categories of species? Describe with examples.**

OR

How is biodiversity distributed along major environmental gradients?

- 4. Describe the oil yielding crops.**

OR

Give an account of drugs obtained from plants.

- 5. Explain the avenue trees which are used for shade?**

OR

Explain the trees which are used for pollution control.

- 6. What do you understand by ex-situ conservation.**

OR

Give general account of the activities of botanical survey of India.