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Total No. of Pages : 02

Total No. of Questions : 10

**B.Pharma (2012 to 2016) (Sem.-6)****ENVIRONMENTAL SCIENCE**

Subject Code : EVSC-101

M.Code : 71032

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

**SECTION-A****Q1. Answer briefly :**

- a) What are natural resources? Give the classification on the basis of origin.
- b) Differentiate between Deforestation and desertification.
- c) What do you understand by ozone layer?
- d) Overgrazing
- e) Ecology
- f) Thermo cline
- g) Red Data Book
- h) Differentiate between Sound & Noise
- i) What is water logging?
- j) What is In-situ conservation?
- k) What are Human Rights?



- l) What is value education?
- m) Define Food Chain.
- n) *"Fresh water is the biggest crisis facing the world today."* Comment.
- o) Write the uses of forest.

#### SECTION-B

- Q2. In what way the culture as well as the biological diversity can be conserved in a country like India?
- Q3. What are the values of biodiversity?
- Q4. *"Ozone is a life saviour, if present in stratosphere; but is a pollutant, if present in troposphere."* Justify.
- Q5. Differentiate between BOD & COD.
- Q6. How do agro-chemicals contribute to soil pollution? What control measures are to be taken to minimize soil pollution from this source?

#### SECTION-C

- Q7. Discuss in detail The Environmental Protection Act.
- Q8. Discuss briefly :
  - a) Water shed management.
  - b) Environmental ethics.
- Q9. *"Population, consumerism and waste production are interrelated"*. Comment.
- Q10. *"Environmental ethics effectively change the role of human from conqueror of the land to citizen and protector of environment."* Comment.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**