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Total No. of Pages : 02

Total No. of Questions : 16

B.Sc. (IT) (2019 Batch) (Sem.-2)

ENVIRONMENTAL SCIENCE

Subject Code : EVS-102-18

M.Code : 77660

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of TEN questions carrying TWO marks each.
2. **SECTION-B contains SIX** questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

Write briefly :

- Q1. “*Environmental Science is multidisciplinary in nature*”. Comment on the statement.
- Q2. Name any two functions of Ecosystem.
- Q3. What is meant by Food Web?
- Q4. How excessive timber extraction affects climate change?
- Q5. What is Solar Energy?
- Q6. Discuss briefly about pollution of ground water.
- Q7. Why biodiversity is important?
- Q8. Enlist any two health risks associated with Soil pollution.
- Q9. Name any two safety measures considered for cyclones.
- Q10. Discuss briefly the importance of wildlife sanctuary.

SECTION-B

- Q11. Why Ecosystem is important? Explain the structure and functions of an ecosystem by considering its producers, consumers and decomposers.
- Q12. a) What is meant by ecological pyramid? Explain.
- b) Explain diagrammatically the flow of energy for Aquatic ecosystem.
- Q13. Explain the following for preservation of natural resources :
- a) Forest Conservation Act
- b) Use of Wind energy
- Q14. Discuss the following issues for biodiversity :
- a) Genetic and Ecosystem
- b) Bio-geographic regions
- Q15. a) What is Air Pollution? Explain different causes and effects of air pollution.
- b) Why the ice-caps and glaciers are melting from last few decades? Explain.
- Q16. a) How visiting a biosphere reserve helps in spreading awareness about environment? Explain.
- b) What kind of steps must be taken to preserve flora and fauna?

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.