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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(CS) (2013 & Onwards) (Sem.-4)

ENVIRONMENT SCIENCE

Subject Code : BCS-409

M.Code : 72325

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 a student has to attempt any **FOUR** questions.

SECTION-A

1. Answer briefly :

- a) Why is environmental studies considered multidisciplinary?
- b) Define Ecosystem and environment.
- c) Differentiate between renewable and nonrenewable resources.
- d) List **any four** beneficial uses of biodiversity.
- e) How do you define environmental pollution?
- f) What is Noise Pollution? How is it measured?
- g) What is a natural disaster? List two natural disasters.
- h) What is meant by Climate Change?
- i) Why is nuclear energy not considered as a viable option in urban areas?
- j) How is information technology useful in environmental management and human health?

SECTION-B

2. Discuss various environmental consequences of the Population Explosion.
3. Discuss the concept of ecological pyramid and indicate the energy flow through ecosystem.
4. Explain causes, effects and remedies of :
 - a) Ozone layer depletion
 - b) Acid rain
5. Consider water as a natural resource and explain the importance of rainwater harvesting.
6. Discuss how you would enhance awareness and value education for environmental management.
7. Discuss how the following are related to environmental management :
 - a) Family Welfare Programme
 - b) Human Rights.

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.