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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (2011 Onwards) (Sem.–1,2)

ENVIRONMENTAL SCIENCE

Subject Code : EVSC-101

Paper ID : [A1109]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION - B & C. have FOUR** questions each.
3. **Attempt any FIVE** questions from **SECTION B& C** carrying **EIGHT** marks each.
4. **Select atleast TWO** questions from **SECTION - B & C.**

SECTION-A

Q1. Write briefly :

- (a) What is environment?
- (b) Define ecology.
- (c) Differentiate between biotic and abiotic components of environment.
- (d) Write the uses of forests.
- (e) Define lithosphere.
- (f) Mention various effects of water pollution.
- (g) What is solid waste management?
- (h) List the causes of displacement of people.
- (i) What is the full form of AIDS? Give its main cause.
- (j) What do you mean by value education?

SECTION-B

- Q2. What is the need of environmental studies for public awareness? Discuss with examples.
- Q3. Discuss in detail about the renewable and nonrenewable sources of energy.
- Q4. Write a detailed note on hot spots of biodiversity.
- Q5. Write a brief note on :
- (i) Disaster management
 - (ii) Noise pollution

SECTION-C

- Q6. Write short note on :
- (i) Sustainable development
 - (ii) Rain water harvesting
- Q7. What is Global warming? Discuss its causes and effects.
- Q8. What do you understand by population explosion? Explain various reason and ill effects of over population.
- Q9. Write short note on :
- (i) Family welfare programs
 - (ii) Role of IT in maintaining healthy environment.