

Roll No.

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Total No. of Pages: 02
Total No. of Questions: 09

B. Tech (Sem.-1st & 2nd)
ENVIRONMENTAL SCIENCE
Subject Code: EVSC-101
Paper ID: [A1109]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATE:

- 1. Section –A, is Compulsory.**
- 2. Attempt any four questions from Section-B.**
- 3. Attempt any two questions from Section-C.**

SECTION –A

(10X2=20)

Q.1.

- (a) Who introduced the term ecology?
- (b) What is the major problem facing the world today?
- (c) What are sedimentary rocks?
- (d) What are the effects of global warming?
- (e) What is a biotic community?
- (f) What are the three classes of biodiversity according to Whittaker?
- (g) How are air pollutants classified?
- (h) What is an activated sludge process?
- (i) What do you mean by thermal pollution?
- (j) What are primary sedimentation tanks?

SECTION –B

(4X5=20)

- Q.2. In what way the culture as well as the biological diversity can be conserved in a country like India?
- Q.3. Give a brief account of geological cycle.
- Q.4. What are the values of biodiversity?

Q.5. What are the effects of air pollution on man, animals, vegetation and the physical properties?

Q.6. How is water pollution generated?

SECTION –C

(2X10=20)

Q.7. What are the salient provisions of air (prevention and control of pollution) Act, 1981?

Q.8. What are the ethical issues involved in the conservation of nature?

Q.9. What are the advantages and disadvantages of nuclear energy options?

*******END*******