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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*******