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Roll No.....

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5<sup>th</sup> Semester / Branch: Chem Engg. (Spl Paint Tech) Rubber Tech.,  
Chem Engg. (Spl.Polymer Engg.) Highway Engg. Mech Engg  
(Fabrication Tech) Garment Tech., Fire Tech & Safety  
Subject : Environmental Education

Time : 3 Hrs. M.M. : 100

### SECTION-A

Note: Multiple choice questions. All questions are compulsory. (10x1=10)

Q.1 The system resulting form the integration of all the living and nonliving factors of environment

- a) Eco system
- b) Ecology
- c) Sociology
- d) Biology

Q.2 Levels of Bio diversity are .....

- a) 1
- b) 2
- c) 3
- d) 4

Q.3 Biotic components consist of

- a) Bacteria
- b) Humidity
- c) Temperature
- d) Wind

Q.4 The presence of undesirable substances in water is known as

- a) Air Pollution
- b) Noise Pollution
- c) Water Pollution
- d) Soil Pollution

Q.5 Expand EIA

- a) Environment Impact assessment
- b) Environment industry act
- c) Environment impact association
- d) None

Q.6 Environmental protection act was enacted in the year

- a) 1984
- b) 1986
- c) 1974
- d) 1994

Q.7 Example of secondary pollutant is.....

- a) D.D.T
- b) Hydrocarbon
- c) Ozone
- d) Plastic

Q.8 Wet scrubbers is used for control of ..... pollution ?

- a) Air Pollutant
- b) Noise Pollutant
- c) Water Pollution
- d) Soil Pollutants

Q.9 Expand COD ?

- a) Chemical Optimization Demand
- b) Chemical Oxygen Demand
- c) Chemical Outsource Degradation
- d) None

Q.10 Examples of non-renewable sources of energy are.....

- a) Wind energy
- b) Tidal energy
- c) Solar energy
- d) Nuclear energy

### SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Define biotic components of Eco System.

Q.12 What is social forestry ?

Q.13 What is E.I.A ?

Q.14 What is Global warming ?

Q.15 What is land filling ?

Q.16 Define food chain ?

- Q.17 Define Bio Diversity.  
Q.18 Expand the term of BOD  
Q.19 Name one source of water pollution  
Q.20 Write chemical formula of Ozone

### **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Explain scope and importance of environmental education.  
Q.22 Explain effects of air pollution  
Q.23 Define sustainable development and explain it.  
Q.24 Explain impact of Mining  
Q.25 Explain the concept of Carbon credit.  
Q.26 Write various methods for rain water harvesting.  
Q.27 What is the importance of non conventional resources of energy.  
Q.28 Explain advantages and disadvantages of wind energy.  
Q.29 Explain effects of deforestation  
Q.30 Write in brief on Bio energy  
Q.32 Write Functions of state pollution control board.  
Q.33 Write the significance of food chain.  
Q.34 Explain methods to control noise pollution.  
Q.35 What is acid rain? Explain in brief

### **SECTION-D**

- Note:** Long Answer type question. Attempt any two questions. (2x10=20)
- Q.36 Write short note on the following  
(a) Tidal energy  
(b) Recycling of materials  
Q.37 Write short note on the following  
(a) Depletion of Ozone layer  
(b) Radioactive pollution  
Q.38 Write short note on the following  
(a) Green house effect  
(b) Environmental Ethics