

- Q.26 What is harmful effect of nuclear waste on human beings?
- Q.27 What are functions of central and state board of pollution?
- Q.28 What do you mean by an environmental impact assessment.
- Q.29 Explain the mechanism of the greenhouse effect.
- Q.30 What are the solutions to prevent ozone layer depletion?
- Q.31 What are the objectives of rainwater harvesting?
- Q.32 Write a short note on Cyclone Separator.
- Q.33 Write a short note on environmental laws.
- Q.34 Describe briefly about the current issues in environment pollution.
- Q.35 Write the short note on recycling of materials.

#### **SECTION-D**

**Note:** Long answer type questions. Attempt any two out of three questions. (2x10=20)

- Q.36 Explain the causes/sources of water pollution.
- Q.37 How noise pollution can be controlled. Explain in detail.
- Q.38 Write the advantages of non-conventional energy sources?

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MSIL 120151

**5th Sem. / Mech. Engg. (MSIL)**

**Subject : Environmental Education**

Time : 3 Hrs.

M.M. : 100

#### **SECTION-A**

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

- Q.1 The study of organisms in their natural home, interacting with their surroundings is called  
a) Ecology                  b) Biology  
c) Ecosystem                d) None of the above
- Q.2 Fungi comes under the category of  
a) Omnivores  
b) Carnivores  
c) Decomposers  
d) Detritivores
- Q.3 Which of the following is a natural source of pollution?  
a) Volcanic eruptions  
b) Burning of fossil fuels  
c) Automobiles  
d) Agricultural waste

Q.4 The first stage in water treatment is

- a) Sedimentation
- b) Filtration
- c) Disinfection
- d) Coagulation and mixing

Q.5 Which of the following is a non bio-degradable waste?

- a) Plastics
- b) Tyres
- c) Metals
- d) All of the above

Q.6 Sound level is measured in

- |            |          |
|------------|----------|
| a) Decibel | b) Joule |
| c) Ampere  | d) Watt  |

Q.7 Global warming results in

- a) Desertification
- b) Increased melting of ice
- c) Rise in sea level
- d) All of the above

Q.8 E-waste means

- a) Electronic waste
- b) Energy waste
- c) Emergency waste
- d) None of the above

Q.9 Glass can be recycled

- a) Upto few times
- b) Infinitely
- c) Cannot be recycled
- d) None of the above

Q.10 Ozone layer exists in

- (a) Troposphere
- (b) Stratosphere
- (c) Mesosphere
- (d) Thermosphere

### **SECTION-B**

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

Q.11 Define the ecosystem.

Q.12 Define the pollutants.

Q.13 Define ecology.

Q.14 What do you mean by E-waste?

Q.15 Define noise pollution.

Q.16 Classify solid waste according to the types of waste.

Q.17 Write the full form of ODS?

Q.18 Name the components of 3R's hierarchy.

Q.19 What is meant by solid waste?

Q.20 What is wet acid rain?

### **SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.

(12x5=60)

Q.21 Describe the importance of ecosystem.

Q.22 Write any four natural sources of pollution.

Q.23 Write sources of water pollution.

Q.24 Explain the control measures of solid waste.

Q.25 Write the effect of noise pollution on human health.