

- Q.27 What are functions of central and state board of pollution?
- Q.28 What do you mean by energy conservation?
- Q.29 Explain the depletion of ozone layer.
- Q.30 What are the harmful effects of acid rain on environment?
- Q.31 Define the methods of rainwater harvesting.
- Q.32 What is EIA? Discuss in briefly.
- Q.33 What are the roles and functions of State Pollution Control Board?
- Q.34 What is role of non-conventional sources of energy in environmental protection?
- Q.35 How global warming can affect the humanity?

#### SECTION-D

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

- Q.36 Describe the control measures of air pollution.
- Q.37 Write the objective of water treatment.
- Q.38 What do you mean by recycling of materials? Explain the recycling of engineering materials.

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MSIL120151

#### 5th Sem / Mech.Engg.(MSIL) Subject:- Environmental Education

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Which of the following is a greenhouse gas?  
a) Carbon dioxide      b) Methane  
c) Both (a) and (b)      d) Neither (a) and (b)
- Q.2 The atmosphere of metro city is mostly polluted due to.  
a) Automobile exhausts  
b) Household waste  
c) Radioactive materials  
d) Pesticides
- Q.3 Bio fuel energy, chemical energy and nuclear energy are \_\_\_\_\_ sources of energy.  
a) Non-conventional      b) Conventional  
c) None of the all      d) All of the above
- Q.4 The pollutants which can't be decomposed rapidly by natural mean is called.  
a) Primary pollutants  
b) Secondary pollutants  
c) Bio-degradable pollutants  
d) None of the above

- Q.5 High concentration of  $\text{NO}_2$  in the air may cause.
- a) Internal bleeding      b) Pneumonia
  - c) Oxygen deficiency    d) All of these
- Q.6 Solar energy, tidal energy and wind energy are \_\_\_\_\_ sources of energy.
- a) Non-conventional    b) Conventional
  - c) None of the all      d) All of the above
- Q.7 Dysentery Diarrhoea spreads due to.
- a) Humid weather      b) Air pollution
  - c) Water pollution    d) All of these
- Q.8 The process of decomposing the bio-degradable waste is called.
- a) Incineration          b) Compositing
  - c) Pulverization        d) Pyrolysis
- Q.9 The ultraviolet radiations in stratosphere are absorbed by
- a) Sulphur dioxide      b) Carbon dioxide
  - c) Ozone                  d) Argon
- Q.10 The process of converting waste materials into new materials is called.
- a) Recycling              b) Remaking
  - c) Reprocessing         d) Remanufacturing

## SECTION-B

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

- Q.11 Define the environment.
- Q.12 Define air pollutants.
- Q.13 What do you the mean by ozone layer?
- Q.14 What do you the mean by nuclear waste?
- Q.15 What is non bio-degradable solid waste?
- Q.16 What is mean by ecosystem?
- Q.17 What is Carbon credit
- Q.18 Write few examples of industrial solid waste.
- Q.19 What is screening?
- Q.20 Write the unit of sound measurement.

## SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Describe the non-conventional sources of energy.
- Q.22 Write the man made sources of pollution.
- Q.23 Write the effect of air pollution on material/buildings.
- Q.24 Explain the control measures of solid waste.
- Q.25 Classified the impurities present in water.
- Q.26 What do you mean by the land-filling?