

- Q.27 Differentiate between bio-degradable and non-bio-degradable solid waste with example.
- Q.28 Define Global Warming. Enlist its adverse effects.
- Q.29 Define soil Pollution. Enlist any three methods to control soil Pollution.
- Q.30 Enlist the advantages of Recycling.
- Q.31 Describe briefly the Green House effect.
- Q.32 Write down the functions of state Pollution Control Board.
- Q.33 Define Hydro energy. Write its two uses and one disadvantage.
- Q.34 Explain in brief the need for conservation of energy.
- Q.35 Define Environmental Impact Assessment. Write down three functions of it.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the concept of Green Building. How does it help in controlling pollution.
- Q.37 Write in detail the various objectives of Environment Protection Act.
- Q.38 Enlist the harmful effects of water Pollution. How can it be controlled?

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1st Sem / Mechatronics Subject:- Environmental Studies

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The word Renewable Energy means:-
- Used Again
 - Cannot be used again
 - Not available free of cost
 - Used only once
- Q.2 The concept of Sustainable development includes
- Control the population growth
 - Reduce wastage of matter
 - Conserve Natural Sources
 - All of these
- Q.3 An ecosystem consist of:-
- Green plants and animals
 - Green plants and decomposers
 - Producers and Consumers
 - Green plants, animals, decomposers and abiotic

Q.4 Below which of the following PH is rain regarded as Acid Rain:-

- a) 7 b) 7.3
- c) 5.6 d) 6

Q.5 The ozone layer mainly absorb:-

- a) Alpha Rays b) Beta Rays
- c) UV Rays d) Gamma Rays

Q.6 Deforestation generally decreases:-

- a) Rainfall b) Soil Erosion
- c) Draught d) Global Warming

Q.7 Yellowing of Taj Mahal is an effect of:-

- a) Acid Rain b) Global Warming
- c) Ozone depletion d) All of above

Q.8 The method of solid disposal in which waste is dumped in low lying areas called:-

- a) Land filling b) Incineration
- c) Pyrolysis d) Composting

Q.9 The gases responsible for Global Warming are:-

- a) Carbon dioxide b) Methane
- c) CFC's d) All of above

Q.10 Air prevention and Control of Pollution Act was given in year:-

- a) 1965 b) 1974
- c) 1981 d) 2002

SECTION-B

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

Q.11 The % age of oxygen in atmosphere is_____

Q.12 Define Producer

Q.13 Define Smog

Q.14 Give an example of Biomedical Waste.

Q.15 Sound Level is measured in_____.

Q.16 EPA stands for_____

Q.17 Expand CFC's.

Q.18 Disinfection in water is done by_____

Q.19 Name one Non-Renewable Resource of Energy.

Q.20 E-Waste means_____.

SECTION-C

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

Q.21 Define Consumers. Name and define the various category of Consumers with examples.

Q.22 Enlist the main sources of Air pollution.

Q.23 Define deforestation. How can we control deforestation?

Q.24 Enlist any five objectives of Rain water Harvesting.

Q.25 Differentiate between Renewable and Non-Renewable Resources of Energy with examples.

Q.26 Enlist the advantages of Solar Energy.