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Roll No.

**6th Sem / Branch : Civil Engg/GE/Brick Constr. Mgmt.
Sub. : Environmental Engg.**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Lake is an example of :-
a) Ecosystem b) Producer
c) Abiotic Component d) All of above

Q.2 DDT is an example of -
a) Primary pollutant
b) Natural Pollutant
c) Biodegradable Pollutant
d) Secondary Pollutant

Q.3 Noise is a
a) Loud Sound
b) Unwanted Sound
c) Constant Sound
d) Sound of high frequency

Q.4 Ozone layer filter -
a) CO₂ b) Ch₄
c) Visible Rays d) UV Radiation

- Q.5 Deforestation decreases generally

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

Q.6 Tiger is an example of-

 - a) Herbivore b) Omnivores
 - c) Decomposers d) Carnivores

Q.7 Van Mahotsava involves:-

 - a) Deforestation b) Watering of plants
 - c) Afforestation d) Cutting of Plants

Q.8 Ph value of Acid Rain is-

 - a) 7 b) Less than 7
 - c) More than 7 d) Cannot tell

Q.9 The gas produced due to incomplete combustion of carbon is -

 - a) Carbon dioxide b) Oxygen
 - c) Nitrogen d) Carbon Monoxide

Q.10 Burning of fossil fuels

 - a) Increases Oxygen Level
 - b) Decreases Co₂ Level
 - c) Increases Ethane Level
 - d) Increases Green house gases

SECTION-B

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

- Q.11 Ecosystem consist of _____ and _____.
Q.12 Define Food chain.

- Q.13 ____ is the only planet to sustain life.
Q.14 Deforestation leads to _____.
Q.15 The % age of oxygen in atmosphere is _____.
Q.16 Main source of Acid Rain is _____.
Q.17 Expand COD.
Q.18 Give an example of Man-Made Pollution.
Q.19 Solar Energy is a _____ Resource of energy.
Q.20 _____ is a biotic component.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Define a pollutant. Differentiate between primary and Secondary pollutants with example.
Q.22 Give five main objectives of Environmental Education.
Q.23 Differentiate between Renewable and Non-Renewable sources of Energy with examples.
Q.24 Enlist five ill effects of mining.
Q.25 List down the uses of Solar Energy.
Q.26 Write down five methods to control water pollution.
Q.27 Explain the causes and control measures of mining.
Q.28 Give the benefits of Rain Water harvesting.
Q.29 Briefly describe the main reasons for soil pollution.
Q.30 Briefly describe the effect of noise pollution on human and wild life.
Q.31 Write the full form of EIA. Describe the importance of EIA.

- Q.32 Enlist the safety measure that must be used to control Radiation.
Q.33 Write down the advantages and limitations of solar Energy.
Q.34 Define Acid Rain. Describe the different types of Acid Rain.
Q.35 Enlist the harmful effects of depletion of Ozone layer.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 i) How can we control Noise Pollution Enlist the main steps/measures for controlling the noise pollution.
ii) Enlist the impact of deforestation on Environment.
Q.37 Define Air pollution. Name and describe the main sources of Air Pollution. Write down advance effects of Air Pollution on Human health and buildings. (2 each)
Q.38 Write short notes on any two
a) Sustainable development
b) Green house effects.
c) Role of Non-Conventional sources of Energy.