

No. of Printed Pages : 4
Roll No.

170026

2nd Sem / Auto, Civil, Comp, Elect, ECE, Mech

Subject:- Environmental Studies

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 World Environment Day is celebrated on :-
a) 11th June b) 11th May
c) 5th June d) 5th May
- Q.2 The example of biotic Components of ecosystem is :
a) Plant b) Animal
c) Micro-organism d) All of above
- Q.3 Pond is an example of
a) Ecology b) Ecosystem
c) Both a & b d) None of these
- Q.4 Omnivores feed on
a) Plants b) Animals
c) Decay matter d) Both Plants & Animals
- Q.5 DDT is an:-
a) Biodegradable pollutant
b) Non-biodegradable pollutant
c) Radioactive Pollutant
d) All of above

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- Q.6 PH value of Acidic Rain is
a) 7 b) Less than 7
c) More than 7 d) Any of the above
- Q.7 Coal is an example of _____ Energy:
a) Non-conventional b) Conventional
c) Renewable d) All of above
- Q.8 The chemical formula of Carbon Monoxide is
a) CO₂ b) CO₃
c) CO d) CMO
- Q.9 CFCs stand for
a) Chloro Carbons
b) Chlorofluoro carbons
c) Carbon fluorine
d) Carbon Fluorine Carbon
- Q.10 Full form of COD is :-
a) Carbon Oxygen Demand
b) Carbon dioxide
c) Chemical Oxygen demand
d) Carbon Monoxide

SECTION-B

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

- Q.11 Define food Chain
- Q.12 Name one natural source of air pollution.
- Q.13 Decomposers feed on _____

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- Q.14 Give an example of Non-Renewable source of Energy.
- Q.15 Acid Rain is mainly caused due to _____
- Q.16 Name the main Green house Gas. _____
- Q.17 Define Soil Pollution.
- Q.18 Name any one Abiotic Component of Ecosystem.
- Q.19 Give one use of Bio-energy.
- Q.20 EIA stands for _____

SECTION-C

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

- Q.21 Define Ecosystem with an example. Write down any two characteristics of an ecosystem.
- Q.22 Define solid waste. Write the main causes of rapid growth of solid waste.
- Q.23 Enlist five harmful effects of Air pollution on Plants.
- Q.24 Differentiate between Biodegradable and Non-biodegradable pollutants with examples.
- Q.25 Write down the harmful effects of deforestation.
- Q.26 How can we control Water Pollution?
- Q.27 Show Carbon Cycle with Neat Label diagram.
- Q.28 Explain the Role of E-waste management.
- Q.29 Write down the main causes of Ozone Depletion.
- Q.30 Write about the importance of Energy Conservation (Amendment) Act 2010 and its importance.

- Q.31 Define Green building. Briefly describe the components of Green building.
- Q.32 Define Hydroenergy. Give its advantages and disadvantages.
- Q.33 Briefly explain the purpose of Environment Protection Act.
- Q.34 Enlist the harmful effects of Acid Rain on building, human life and Environment.
- Q.35 Briefly describe the various sources of Soil Pollution.

SECTION-D

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

- Q.36 Define Noise Pollution. Write the main sources of Noise Pollution. Enlist its harmful effects and give three methods to control Noise Pollution.
- Q.37 Differentiate between Conventional and Non-conventional Energy Resources with examples. Why there is a need of non-Conventional Resources of Energy?
- Q.38 Write short notes on any two :-
- Sustainable Development
 - Rain Water Harvesting
 - Global Warming