

- Q.26 Explain the control measures of solid waste.
- Q.27 What do you mean by E-waste? What are the effects of E-waste on human health?
- Q.28 Write the salient features of Energy conservation Act 2001.
- Q.29 Explain the mechanism of greenhouse effect.
- Q.30 Write the advantages of recycling.
- Q.31 Explain the causes of rapid growth of solid waste.
- Q.32 Write any five natural sources of pollution.
- Q.33 Explain the structure of an ecosystem.
- Q.34 What do you mean by environmental impact assessment?
- Q.35 What are the effects of ozone layer depletion on environment?

SECTION-D

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

- Q.36 Write the functions of Central Board and State Board in connection with Air (Prevention and Control of pollution) Act 1974.
- Q.37 What are solutions to prevent ozone layer depletion? Explain.
- Q.38 How can noise pollution be controlled? Explain.

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Roll No.

5th Sem / Mechanical Engineering (MSIL)

Subject:- Environmental Education

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The functional aspects of the ecosystem are :
- a) Energy cycles b) Nutrient cycles
- c) Food chains d) All of the above
- Q.2 Which human activity can decrease the oxygen levels present in the atmosphere?
- a) Deforestation b) Animal hunting
- c) Mining d) Both (a) and (c)
- Q.3 Taj Mahal may be damaged by
- a) H₂ b) O₂
- c) SO₂ d) CH₄
- Q.4 Disinfection of water is done by
- a) Filtration b) Passing chlorine
- c) ozone d) Alum
- Q.5 Which of the following is a non-biodegradable waste?

- a) Plastics b) Tyres
c) Metals d) All of the above
- Q.6 The process of recovering the chemical energy of organic waste by destructive distillation is called
- a) Incineration b) Composting
c) Purverisation d) Pyrolysis
- Q.7 Sound level is measured in
- a) Decibel b) Joule
c) Coloumb d) Watt
- Q.8 Glass can be recycled
- a) Upto few times b) Infinitely
c) Cannot be recycled d) None of the above
- Q.9 The example of omnivore is
- a) Rat b) Fox
c) Human d) All of the above
- Q.10 The full form of IGBC
- a) International Green Building Council
b) Indian Green Building Council
c) International Green Book Corporation
d) Indian Green Book Corporation

SECTION-B

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

- Q.11 Write the full form of UNEP.

- Q.12 When was Environment (Protection) Act enacted ?
- Q.13 Ozone layer occurs about _____ km above the surface of earth.
- Q.14 Which radiations are absorbed by ozone layer?
- Q.15 Name any two green house gases.
- Q.16 In which region of atmosphere, ozone layer exist?
- Q.17 Cyclone separators use _____ forces to separate the particulate matter from the polluted gas. (Gravity / Centrifugal)
- Q.18 Coal, oil, natural gas, nuclear power etc. are _____ sources of energy. (Conventional/ non-conventional / renewable)
- Q.19 An extensive number of chains interlinked in an ecosystem forms a _____ together . (Food chain / food web)
- Q.20 The term 'ecology' was coined by _____.

SECTION-C

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

- Q.21 Write the advantages of non-conventional sources of energy.
- Q.22 Define pollution. What are its sources?
- Q.23 Write the effects of air pollution on climate.
- Q.24 Write the effect of water pollution on human health.
- Q.25 Explain in brief, incineration.