

- 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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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 decreases 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.