

- Q.27 Explain the various ill effects of blasting and deforestation on environment? (CO-6)
- Q.28 Define soil erosion. What are the factors which cause soil erosion? (CO-7)
- Q.29 Write the importance and objectives of environmental impact assessment? (CO-8)
- Q.30 Explain the process of EIA in detail? (CO-9)
- Q.31 Briefly explain environment protection act, 1986? (CO-9)
- Q.32 Define global warming. What are the various effects of global warming? (CO-10)
- Q.33 Write the various effects of exposure of ultraviolet radiations? (CO-10)
- Q.34 Explain the non conventional sources of energy? (CO-11)
- Q.35 Define solar energy. What are the direct and indirect ways of using solar energy? (CO-11)

Section D

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

- Q.36 Write the effect of air pollution on human beings plants animals and environment. (CO-4)
- Q.37 Explain the concept of greenhouse in detail? (CO-7)
- Q.38 Write the various elements for preparing environmental impact assessment statements explain them briefly? (CO-8)

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Branch - Civil
Subject : Environmental Engineering

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Earths other crust is (CO-1)\
 a) Biosphere b) Lithosphere
 c) Hydrosphere d) Atmosphere
- Q.2 Organism which eat both plant and other animals are known as. (CO-2)
 a) Herbivores b) Carnivores
 c) Omnivores d) None of these
- Q.3 Sound is measured in a unit called. (CO-3)
 a) mB b) gB
 c) dB d) cB
- Q.4 Biological diversity act was enacted in. (CO-3)
 a) 2002 b) 2004
 c) 2006 d) 2006
- Q.5 Forests and wetlands constitute. (CO-4)
 a) Species b) Ecosystem
 d) Genes d) Organism
- Q.6 In ecosystem the organism which make food by photosynthesis are. (CO-5)
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- a) Consumers b) Producers
 c) Detritivores d) None of these
- Q.7** The main steps in EIA process is. (CO-8)
 a) Screening and scoping
 b) Prediction and mitigation
 c) Management, monitoring and audit
 d) All of these
- Q.8** Fossil fuels are which source of energy. (CO-10)
 a) Conventional b) None conventional
 c) Hydroelectric d) None of these
- Q.9** The energy generated through heat from the earth is known as. (CO-10)
 a) Tidal energy b) Geothermal energy
 c) Wind energy d) Hydroelectric energy
- Q.10** The gas which account for 50% of all greenhouse gases is. (CO-11)
 a) So₂ b) Co₂
 c) No₂ d) CO

Section B

- Note:** Objective types Questions. All Questions are compulsory. (10x1=10)
- Q.11** Living factors in the environment are called _____ factors. (CO-2)
- Q.12** Water that seeps into the ground and fills the pores in the soil and rock is called _____. (CO-3)
- Q.13** Freshwater represents _____ of the planet water resources. (CO-3)

- Q.14** UST stands for _____. (CO-3)
- Q.15** The third layer of atmosphere is called _____. (CO-4)
- Q.16** _____ Noise is the main source of noise pollution in urban areas. (CO-5)
- Q.17** Noise pollution causes _____ quality of crops. (CO-5)
- Q.18** EIA provides opportunity for _____ measures to be incorporated to minimise problems. (CO-8)
- Q.19** _____ layer absorb harmful ultraviolet radiations from the sun and prevent it from reaching the Earth surface. (CO-10)
- Q.20** Origin for wind energy is _____. (CO-11)

Section C

- Note :** Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)
- Q.21** Briefly explain why the conservation of natural resources is necessary. (CO-1)
- Q.22** Define food web.what are various characteristics of food web? (CO-2)
- Q.23** Briefly explain the biotic and abiotic components of ecosystem? (CO-2)
- Q.24** Define water pollution.write the various effects of water pollution? (CO-3)
- Q.25** Write the natural and man made sources of air pollution? (CO-4)
- Q.26** What are the various sources of noise pollution briefly explain? (CO-5)