

- 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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Roll No.....

#### 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 knows 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)

- 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) So<sub>2</sub>                                      b) Co<sub>2</sub>  
c) No<sub>2</sub>                                      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)

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- 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)

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