

- Q.25 Define: (CO7)  
 a) water logging                      b) soil erosion
- Q.26 Define: (CO7)  
 a) land slide                              b) soil degradation
- Q.27 What is environmental impact assessment? (CO8)
- Q.28 What are Indian legislative acts for water? (CO9)
- Q.29 Write any five natural sources of air pollution.(CO4)
- Q.30 Define noise pollution. Also tell unit of measurement of noise. (CO5)
- Q.31 What is sustainable development? (CO1)
- Q.32 What are the causes of pollution in underground water? (CO3)
- Q.33 Explain the term eutrophication of lakes. (CO3)
- Q.34 Describe the need of EIA. (CO8)
- Q.35 Explain the chart of environmental impact assessment methodology. (CO8)

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What are the preventive measures to control air pollution? (CO4)
- Q.37 What is acid rain? What are harmful effects? (CO10)
- Q.38 How we can conserve our energy resources. Explain it. (CO11)

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### 6th Sem / Civil, GE, Brick Tech, Constr. Mgmt. Subject:- Environmental Engineering

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Which of the following is a natural source of pollution? (CO1)  
 a) Volcanic eruptions  
 b) Burning of fossil fuels  
 c) Automobiles  
 d) Agricultural waste
- Q.2 The atmosphere of big cities is mostly polluted due to (CO1)  
 a) Automobile exhausts  
 b) Household waste  
 c) Radioactive materials  
 d) Pesticides & insecticides
- Q.3 High concentration of NO<sub>2</sub> in the air may cause (CO1)  
 a) Internal bleeding      b) Pneumonia  
 c) Oxygen deficiency      d) All of the above

- Q.4 Ecology was define by (CO2)  
 a) Haeckel                      b) Odium  
 c) Tassel                      d) Ramdeo Mishra
- Q.5 The major components of ecosystem are. (CO2)  
 a) Abiotic & biotic  
 b) Cyclic & Biologic  
 c) Adiabatic & isotropic  
 d) Ecologic & climatology
- Q.6 Within an ecosystem organism that makes food by photosynthesis are called (CO2)  
 a) Consumer                      b) omnivors  
 c) Producer                      d) None of the above
- Q.7 Disinfection of water is done by (CO3)  
 a) Filtration                      b) ozone  
 c) Passing chlorine              d) Alum
- Q.8 Attack of asthma in certain people is due to (CO4)  
 a) Exposure to cold temperature  
 b) Exposure to hot temperature  
 c) Inhalation of some air borne pollens  
 d) Low concentration of CO<sub>2</sub>
- Q.9 CO<sub>2</sub> means (CO4)  
 a) Carbon dioxide              b) Carbon trioxide  
 c) Water                      d) Carbon oxide
- Q.10 Ozone layer is present in (CO10)  
 a) Mesosphere                      b) Troposphere  
 c) Stratosphere                      d) Exosphere

## SECTION-B

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

- Q.11 Forest fires produce \_\_\_\_\_ (CO1)
- Q.12 Solar, wind and tidal energy are \_\_\_\_\_ sources of energy. \_\_\_\_\_ (CO2)
- Q.13 \_\_\_\_\_ helps in reducing soil erosion. (CO2)
- Q.14 Biochemical oxygen demand (B.O.D) measures \_\_\_\_\_ (CO3)
- Q.15 Dysentery spread due to \_\_\_\_\_ (CO3)
- Q.16 Noise is \_\_\_\_\_ (CO5)
- Q.17 Aerosol is a \_\_\_\_\_ of solid or liquid particles of microscopic size in gaseous media. (CO4)
- Q.18 Vapours is a \_\_\_\_\_ form of matter. (CO4)
- Q.19 Soil pollution as part of land degradation is caused by the presence of \_\_\_\_\_ chemicals. (CO7)
- Q.20 Acid rain dissolves \_\_\_\_\_ in soil. (CO10)

## SECTION-C

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

- Q.21 What are produces and consumers? (CO2)
- Q.22 What are the causes of water pollution? (CO3)
- Q.23 What are the effects of noise pollution? (CO5)
- Q.24 What are the ill effects of mining on the human life? (CO6)