

ADITYA SILVER OAK COLLEGE INSTITUTE OF TECHNOLOGY**BE - SEMESTER - I • MID SEMESTER - I EXAMINATION - WINTER 2018****SUBJECT: ENVIRONMENTAL SCIENCE (3110007)****DATE:** 04 October 2018, Thursday**TIME:** 02:00 pm to 03:30 pm**TOTAL MARKS:** 40

- Instructions:**
1. Q. 1 is compulsory.
 2. Figures to the right indicate full marks.
 3. Describe your views as per the allotted Marks..

- Q.1 (a)** Give Answer with most suitable/correct option. **[05]**
- (i) Below _____ content of DO, flora & fauna is threatened or killed.
 (a) 4 mg/liter (b) 40 ppm (c) 4 gm/liter (d) All of Above
- (ii) Technique of Discarding which generates final product, used as Fertilizer
 (a) Incineration (b) Compositing (c) Pyrolysis (d) Dumping
- (iii) The usual noise level of industry is _____.
 (a) 75 - 95 dB (b) 55 - 85 dB (c) 55 -95 dB (d) 75 - 85 dB
- (iv) Concentration of O₃ in clean dry air is _____.
 (a) 1.1 ppm (b) 0.1 ppm (c) 0.001 ppm (d) 0.01 ppm
- (v) In which coloured container Soiled Gloves would be stored
 (a) Red (b) Brown (c) Blue (d) Black
- (b)** Explain in detail Eutrophication **[05]**
- Q.2 (a)** Explain Configuration and Composition of Atmosphere with diagram **[06]**
- (b)** Write a Short Note **[05]**
- i. Sustainable Development ii. Oxides of Sulphur
- (c)** Define : **[04]**
- i. Mist ii. Smoke iii. Dust iv. Dissolved Particles
- OR**
- Q.2 (a)** Explain about the Origins, Causes & Control Measures of Water Pollution **[06]**
- (b)** What are the Impacts of Human on Mother Nature. **[05]**
- (c)** Define : **[04]**
- i. Aerosols ii. Fumes iii. Soot iv. Colloidal Particles
- Q.3 (a)** Which are the different Methods used for Treatment of Bio-Medical Waste. **[06]**
- (b)** What is Sound and explain various Effects & Control of Noise Pollution. **[05]**
- (c)** Explain different Types and Sources of Solid Waste. **[04]**
- OR**
- Q.3 (a)** Enlist various Methods used for Solid Waste Disposal and Explain anyone. **[06]**
- (b)** Categorize various Bio-Medical Waste. **[05]**
- (c)** What are Implication of Air pollution on Human Health. **[04]**