



**University Teaching Department**

**Chemistry Class Test – 1**

**DS**

Time: 1:30 hrs.

Max. Marks: 40

**Section A: Multiple Choice Questions: (1x10)**

- 1) A Grazing food chain starts with:-  
(a) Decay (b) Photosynthesis (c) Respiration (d) Nitrogen Fixation
- 2) In a forest ecosystem green plants are:-  
(a) Producers (b) Primary consumers (c) Consumers (d) Decomposers
- 3) Biotic component of an ecosystem consist of:-  
(a) Producers (b) Consumers (c) Decomposers (d) All of above
- 4) In an ecosystem green plants form:-  
(a) 1<sup>st</sup> Trophic level (b) 2<sup>nd</sup> Trophic level (c) 3<sup>rd</sup> trophic level (d) 4<sup>th</sup> Trophic level
- 5) A food web consists of:-  
(a) One food chain (b) Two food chain (c) Several food chain (d) Inter linked food chain
- 6) The causes of acid rain is:-  
(a) CO<sub>2</sub> (b) SO<sub>2</sub> (c) CO (d) Dust
- 7) Which of the following is an air pollutant,-  
(a) Nitrogen (b) hydrogen (c) Carbon dioxide (d) oxygen
- 8) Dissolved oxygen in water comes from:-  
(a) Photosynthesis of aquatic plants (b) atmosphere (c) none of these (d) both of these
- 9) Forests prevent soil erosion by binding soil particles in their:-  
(a) Stem (b) leaves (c) Roots (d) Buds

10) Which of the following is not a degradable waste:-

- (a) Vegetable peelings (b) Fallen leaves of trees (c) Plastic bottles (d) Peanut shell

**Section B: Descriptive Type Questions:**

**(5x6)**

Q1. What is noise? Discuss the harmful effects of noise

Q2. Explain biotic components of ecosystem.

Q3. Explain the structure of atmosphere graphically.

Q4. What is soil pollution? Discuss the various sources of soil pollution.

Q5 Classify water pollutants. Discuss the sources & effects of these pollutants.