

### **Quiz 4**

#### **CE-261 Environmental Microbiology**

Name

I.D. No.

Date: 20/11/2019 (23/03/1441 H)

Total Marks-5

Time : 15 minutes



**Qn. 1 Biodegradation is the most important process in-**

- a. Wastewater treatment
- b. Solid waste treatment
- c. Soil bioremediation
- d. All of the above

**Qn. 2 Biodegradation process is -**

- a. Biochemical process
- b. Mineralization process
- c. Oxidation and reduction process
- d. All of the above

**Qn. 3 Biotransformation are-**

- a. preliminary steps of biodegradation
- b. intermediate steps of biodegradation
- c. Both a and b is correct
- d. None of the above

**Qn. 4 Which of the following is the foulants-**

- a. Colloidal matter
- b. Biological matter
- c. Organic matter
- d. All of the above

**Qn. 5 Which substances has slowest biodegradable rate-**

- a. Protein
- b. DNA
- c. RNA
- d. Lignin

**Qn. 6 Which of the following can not be removed by reverse osmosis -**

- a. Cations
- b. Anions
- c. Colloidal particles
- d. Organic matters

**Qn. 7 Which of the following is not the natural biodegradable substances-**

- a. Component of dead biomass of microorganism
- b. Plant litter
- c. Pollutants from petrochemical industry
- d. Human feces and urine

**Qn. 8 Which of the following step is not the step of biogeochemical cycle of nitrogen-**

- a. Nitrogen fixation
- b. Ammonification
- c. Nitrification
- d. Mineralization

**Qn. 9 Which of the following biodegradable substance has fastest biodegradable rate-**

- a. Structural Polysaccharides
- b. Storage polysaccharides
- c. Lignin
- d. Protein

**Qn. 10 Which of the following source of water pollution is not the part of agricultural water pollution –**

- a. Fertilizers
- b. Sulfur oxides
- c. Pesticides
- d. Biological pollutants