

## Multiple Choice Questions

**1 Cyanobacteria:**

- A. Carbon
- B. Oxygen
- C. Hydrogen
- D. Nitrogen

**2 Cyanobacteria, unlike other types of bacteria that photosynthesise, do**

- A. not give off oxygen
- B. give off oxygen
- C. not have chlorophyll
- D. not have a cell wall

**3 Pili are made up of pilin, which is**

- A. carbohydrates
- B. lipids
- C. protein
- D. triglycerides

**4 Most pathogenic bacteria cause disease by**

- A. directly destroying individual cell of the host
- B. depriving the host of their nutrients
- C. producing toxins
- D. depriving the host of oxygen

**5 Chemosynthetic bacteria**

- A. are autotrophic
- B. use the sun rays
- C. oxidize inorganic compounds to acquire energy
- D. both A and C are correct

**6 A bacterium with flagella all around is**

- A. monotrichous
- B. lophotrichous
- C. amphitrichous
- D. peritrichous

**7 Conjugate is facilitated by**

- A. capsule
- B. pili
- C. flagella
- D. both pili and flagella

**8 Bacterial membrane differ from eukaryotic membrane in**

- A. lacking proteins
- B. lacking lipids
- C. lacking polysaccharide
- D. lacking cholesterol

**9 Bacterial membrane also contains enzymes for**

- A. respiration
- B. photosynthesis
- C. protein synthesis
- D. secretion

**10 Facultative anaerobes**

- A. require a constant supply of oxygen
- B. are killed in an oxygenated environment
- C. do not always need oxygen
- D. are photosynthetic

### Answers

(1) C	(2) B	(3) C	(4) A	(5) D
(6) D	(7) B	(8) D	(9) A	(10) C

