

# QUIZ TIME

Microbiology

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Lec: 9



لجنة  
طب الأسنان

1-An organism uses sunlight as an energy source and carbon dioxide (CO<sub>2</sub>) as its carbon source. It is a :

- A. Chemoautotroph
- B. Photoautotroph
- C. Chemoheterotroph
- D. Photoheterotroph

Ans:B

2.An organism obtains energy from sunlight but gets its carbon from organic compounds. It is a :

- A. Chemoautotroph
- B. Photoautotroph
- C. Photoheterotroph
- D. Chemoheterotroph

Ans:C

3.An organism oxidizes inorganic substances (like sulfur or iron) to obtain energy and uses CO<sub>2</sub> as its carbon source. It is a :

- A. Chemoautotroph
- B. Photoheterotroph
- C. Chemoheterotroph
- D. Photoautotroph

Ans:A

4.An organism obtains both its energy and carbon from organic molecules. It is a :

- A. Photoautotroph
- B. Chemoautotroph
- C. Chemoheterotroph
- D. Photoheterotroph

Ans:C

5-Bacteria that can use many different types of carbon sources are called :

- A. Methylotrophic bacteria
- B. Parasitic bacteria
- C. Bacterial omnivores
- D. Fastidious microbes

Ans:C

6-Microbes that can use only a few specific carbon compounds are called :

- A. Bacterial omnivores
- B. Methylophilic bacteria
- C. Fastidious microbes
- D. Parasitic microbes

Ans:C

7-Bacteria that metabolize one-carbon molecules such as methane, methanol, or carbon monoxide are known as :

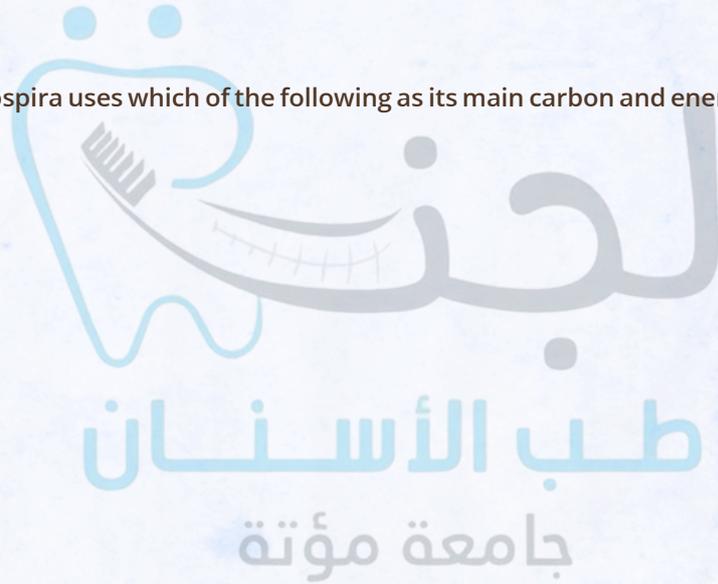
- A. Bacterial omnivores
- B. Methylophilic bacteria
- C. Fastidious microbes
- D. Parasitic bacteria

Ans:B

8-The parasitic genus Leptospira uses which of the following as its main carbon and energy source?

- A. Glucose
- B. Amino acids
- C. Long-chain fatty acids
- D. Methanol

Ans:C



سُبْحَانَ اللَّهِ

الْحَمْدُ لِلَّهِ

لَا إِلَهَ إِلَّا اللَّهُ

اللَّهُ أَكْبَرُ

