

QUIZ TIME

Microbiology

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Lec: 1+2



1. Which of the following is NOT considered a microorganism?

- A) Bacteria
- B) Fungi
- C) Algae
- D) Insects

Answer: D) Insects

2. Which scientist disproved spontaneous generation?

- A) Robert Hooke
- B) Antonie van Leeuwenhoek
- C) Louis Pasteur
- D) Joseph Lister

Answer: C) Louis Pasteur

3. What is the approximate number of microbes forming the human microbiome?

- A) 3 million
- B) 38 trillion
- C) 100 billion
- D) 4,000

Answer: B) 38 trillion



4. The Marine Microbiome represents what percentage of the marine biomass?

- A) 10%
- B) 30%
- C) 90%
- D) 50%

Answer: C) 90%

5. Who was the first to observe living microbes using a single-lens microscope?

- A) Robert Koch
- B) Antonie van Leeuwenhoek
- C) Louis Pasteur
- D) Edward Jenner



Answer: B) Antonie van Leeuwenhoek

6. Which of the following correctly defines "Bioremediation"?

- A) Use of microbes to produce vaccines
- B) Manipulating genes to make new products
- C) Using living organisms to clean up environmental problems
- D) Growing microbes in pure culture

Answer: C) Using living organisms to clean up environmental problems

7. Which microbial process converts carbon dioxide into organic material using light energy?

- A) Decomposition
- B) Photosynthesis
- C) Fermentation
- D) Respiration

Answer: B) Photosynthesis

8. Robert Koch is best known for which scientific contribution?

- A) Discovery of the first vaccine
- B) Demonstrating germ theory
- C) Establishing Koch's postulates
- D) Developing antiseptic surgery

Answer: C) Establishing Koch's postulates

9. The "Theory of Biogenesis" states that:

- A) Life arises from non-living matter
- B) Microbes cause fermentation

- C) Living things arise from other living things
- D) Microorganisms are invisible to the naked eye

Answer: C) Living things arise from other living things

10. Which of the following is NOT one of the shared characteristics of living microorganisms?

- A) Hereditary material
- B) Complex biochemical metabolism
- C) Ability to photosynthesize
- D) Evolutionary adaptation

Answer: C) Ability to photosynthesize

