

Archive Micro 11 and 12

1. Removal or destruction of all microbial life including endospores is called:

- A) Disinfection
- B) Antisepsis
- C) Sterilization
- D) Pasteurization

Answer:c

2. Pasteurization method at 72°C for 15 seconds followed by rapid cooling to 13°C is known as:

- A) Batch method
- B) Flash method
- C) Holding method
- D) Dry heat method

Answer:B

3. glycoprotein inhibits bacterial cell wall synthesis by binding to:

- A) Penicillin-binding proteins (PBPs)
- B) N-acetylmuramic acid
- C) N-acetylglucosamine
- D) D-Ala-D-Ala terminal

Answer:D

4. Which of the following is NOT part of standard precautions?

- A) Hand hygiene
- B) Environmental cleaning
- C) Isolation
- D) Safe injection practices

Answer:C

5. β -lactam antibiotics inhibit bacterial cell wall synthesis by binding to:

- A) D-Ala-D-Ala terminal
- B) Ribosomes

C) Penicillin-binding proteins (PBPs)

D) DNA gyrase

Answer:C

6. β -lactam antibiotics are ineffective against *Mycoplasma pneumoniae* because:

A) It is Gram-positive

B) It is Gram-negative

C) It lacks a cell wall

D) It produces β -lactamases

Answer:C

7. Penicillin is most effective against bacteria during which growth phase?

A) Lag phase

B) Exponential (log) phase

C) Stationary phase

D) Death phase

Answer:B