

Microbiology

Archive

Lecture 2

Medical card .

Name _____

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Corrected By :

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1. Anchor peptidoglycan layers to the plasma membrane:

- A. Teichoic acid
- B. Lipoteichoic acid
- C. Wall-associated protein

[Ans:B](#)

2. The true regarding peptide interbridge

- A. D Alanine - 5 Glycine - L lysine
- B. 1 Ala - 5 Gly - L lys
- C. D Ala - 4 Gly - L lys
- D. L lys - 5 Gly - D Ala

[Ans:A+D](#)

3. One of the following external to cytoplasmic membrane:

- A. Mesosomes
- B. Capsule
- C. DNA
- D. plasmid

[Ans:B](#)

4. All of the following correct about pili except:

- A. a single bacterial cell bears about 100-200
- B. two types
- C. amphitrichous pili good for attachment
- D. the origin is from cytoplasm and penetrate through the peptidoglycan layers
- E. Pili made from protein called pilin

[Ans:C](#)

5. Which type of cocci bacteria is cuboidal

- A. Sarcinae
- B. Streptococci
- C. Staphylococci
- D. Tetrads

[Ans:A](#)

6-All of the following is correct about pilli EXCEPT:

- A- present on the surface of all gram negative bacteria.
- B- each bacterial cell bear 100-500 pilli.
- C- have no roll in motality.
- D- there origin from cytoplasm and penetrate through peptidoglycan layer of cell wall.

[Ans:B](#)

8-One of the following is internal to cell wall:

- A-Flagella
- B-Mesosomes
- C-Pili
- D-Caabout

[Ans:B](#)

7-INCORRECT about Flagella structure:

- A- basal body, hook, filament from inside to outside
- B- basal body embedded in peptidoglycan layer.
- C- hook located outside the cell wall.
- D- hook can rotate around itself.
- E- flagella distribution varies in bacteria

[Ans:B](#)