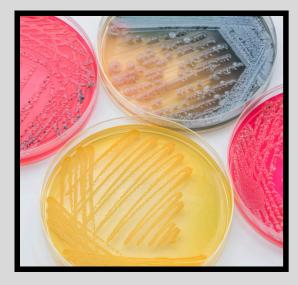


## Athar

## Microbiology Mid

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What of these stat<mark>ement is correct-12</mark>: (معلومة حكتها الدكتورة بالمحاضرة)

antigen associated with a pathogen is more accurate than antibodies against a specific pathogen  $\checkmark$ 

13-A young kid has meningitis\ gram negative coccbacili\dose not take any vaccine? H.influenzae

14-What is the phage of Scarlet fever phenotype? T12✓

15-lack of antioxidant enzymes:

A-Anaerobes b-Aerobes c-Microaerophile d-Macroaerophils

16-One of the following is INCORRECT regarding filtration
A-used for vitamin sterilizing
B-antibiotics solution
C-0.46 pore size for bact
D-0.02 pore size for sterilization ✓
E-0.22 pore size for solutions

17-One of the following is INCORRECT
A 35% → 100% concentration
B-HCHO
C-Use for rubber
D-Broad spectrum
E-35% is sporicidal

**18-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.

**19-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



20-One of the following is internal to cell wall A-Mesosomes B-Flagella C-Pili D-Caabout

21-Which of the following is incorrect about bacteria:

Answer: (Streptococcus pyogenes gram positive catalase negative b-hemolytic group b Streptococcus causes pharyngitis )

22-One of the following is true regarding free radicals a. Hydrogen peroxide break down by catalase only

b. superoxide free radical inhibition by tow enzymes 🗸

- c. Hydrogen peroxide break down by peroxide only
- d. Superficial free radical inhibition by one enzyme

23-Which type of cocci bacteria is cuboidal: Answer: Sarcinae 🗸

24-Which of the following is false:a. O antigen can act as endotoxins ✓b. Lipid A stableite outer membrane structure

c. Lipid A may cause septic shock

25-Which give copy plasmid ? Answer: Conjugation 🔽

26-The true regarding peptide interbridge gram +ve :
A. D Alanine - 5 Glysene - L lysene ✓
B. I Ala - 5 Gly - L lys
C. D Ala - 4 Gly - L lys
D. L lys - 5 Gly - D Ala

27-All the following are true exept:

A. Pilli always present on the surface of Gram -ve 🔽

- B) Capsule may have antiphagocytic activity
- C) Mesosomes increase surface area
- D) Inclusion body save material
- E) Cytoplasmic membrane the same in gram positive and gram negative

28-Penicillin bind to: Answer: Penicillin binding protein 🗹



29-The antimicrobial that inhibit binding of amonoacyl-t-RNA to the acceptor site on the 70 S ribosome:

A.Tetracycline

B.Lincosamides

C.Macrolide

D.Amphenicol

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