



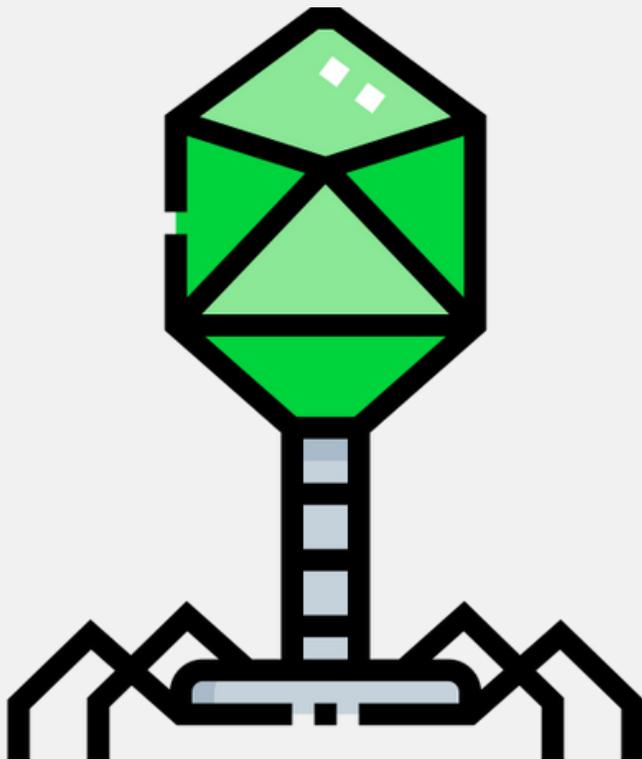
MICROBIOLOGY ARCHIVE

Mid - ٢٩

DONE BY:

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1. The name of the virus when its genetic material conjugates with bacterial ones:

- a) ProPhage
- b) Lytic phage

Answer: a

2. A 6 years old with meningitis, gram negative coccobacillus what kind of infection he got?

Answer: Hemophilus

3. When a bacteria grown in a test tube, it spread all over the tube with aggregation at the top of it, which kind of bacteria?

Answer: Facultative anaerobic

4. Anchor peptidoglycan layers to the plasma membrane

- A. Teichoic acid
- B. Lipoteichoic acid

Answer: b

5. The true regarding peptide interbridge

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

Answer: a

6. All the following are true except:

- A) Episome always found in cytoplasm
- 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

Answer: a

7. Penicillin bind to :

Answer: Penicillin binding protein

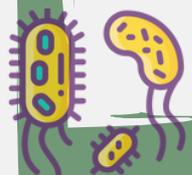
8. Scarlet fever cause due to :

Answer: Streptococcus Pyogenes

9. Which of the following written incorrectly:

Answer: Monocytes

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10. All the following are true except:

- A. Russian botanist -- virology
- B. Redis -- disapproved spontaneous generation
- C. Robert Koch -- animalcules

Answer: c

11. Antibiotic that inhibit translocation: Antibiotic that inhibit translocation:

- A. Erythromycin
- B. Ampicillin

Answer: a

12. The final electron acceptor in aerobic respiration: The final electron acceptor in aerobic respiration:

- A. Nitrate
- B. Sulfate
- C. Oxygen

Answer: c

13. The vibrio cholerae is: The vibrio cholerae is:

- A. Alkaliphile
- B. Neutrophile
- C. Acidophile
- D. Halophile

Answer: a

14. Which of the following is spore-forming bacilli:

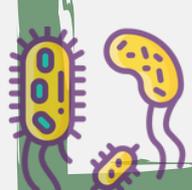
- A. S. aureus
- B. L. monocytogenes
- C. C. difficile
- D. C. diphtheriae

Answer: c

15. Which of the following is scientifically corrected:

- A. Helicobacter Pylori
- B. Clostridium botulinum
- C. Yersinia enterocolitica

Answer: c



16. 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

Answer: a

17.Bacteria in a dark area and use carbon dioxide as a carbon source:Bacteria in a dark area and use carbon dioxide as a carbon source:

- A.Chemoautotrophic
- B.Photoautotrophic
- C.Chemoheterotrophic

Answer: a

18. One of the following external to cytoplasmic membrane:

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

Answer: b

19.Bacteria grow in human bodyBacteria grow in human body

- A.Mesophils & neutrophils
- B.Mesophils & acidophilus
- C.Mesophiles & halophiles
- D.Acidophiles & halophiles
- E.Acidophiles & neutrophiles

Answer:a

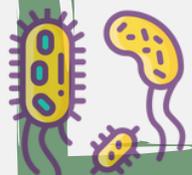
20.Inhibit binding of aminoacyl-t-RNA to the A site in 70s?Inhibit binding of aminoacyl-t-RNA to the A site in 70s?

Answer : Minocycline

21. Have pseudomembrane?

Answer: C. diphtheria

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22. All the following is true regarding medical waste except

- A. Black : for food
- B. Red: tissue from infection
- C. Yellow: needle
- D. Yellow: waste from microbiology lab
- E. Blue: chemotherapy products

Answer: d

23. Have central spores?

Answer: Anthracis

24. Gram negative bacteria cause pneumonia?

Answer: Legionella

25. Bacteria found in polymorphonuclear cell?

Answer: N. meningitidis

26. Example of spirochetes?

Answer: Treponema

27. Can penetrate intestines then go to blood stream?

Answer: S. typhi

28. Which important thing you should have when deal with patient has influenza?

- A. gown
- B. surgical mask
- C. gloves

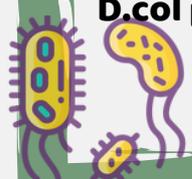
Answer: b

29. Type of plasmid give bacteria nutrients?

- A. F+ plasmid
- B. F-plasmid
- C. resistance plasmids
- D. col plasmid*

Answer: d

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30. Which give copy plasmid ?

Answer: Conjugation

31. In the case of E. coli, what is the most effective antibiotic to treat it?

Answer: Ceftriaxone

32. Comma shaped bacteria is considered?

A. aerobe

B. anaerobe

C. alkaliphiles

Answer: c

33. All of the following correct about pili except:

A. a single bacterial cell bears about 100-200

B. two type

C. amphoteric pili good for attachment

D. the origin is from cytoplasm and penetrate through the peptidoglycan layers

E. Pili made from protein called pilin

Answer: c

34. In airborne precautions, which one is true :

Answer: Pressure inside is less than outside

35. Which one of personal protective equipments use when deal with patients have tuberculosis?

Answer: N95 mask

36. Bacteria inhabitants of stagnant water :

Answer: Legionella pneumonia

37. Bacteria makes scarlet fever :

Answer: Streptococcus pyogenes

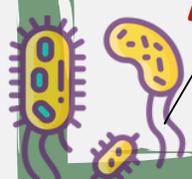
38. Which phage causes hemorrhagic diarrhea?

Answer: Lambda phage

39. How many moments you should wash your hands?

Answer : 5 moments

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40. Which bacteria is non-spor

Answer: Mycobacterium which has waxes that prevent Destruction

41. All of the following is true except :

- a. Robert Hooke : discovered animalcules
- b. Pasteur: vaccine concept
- c. Koch's postulate: one micro one disease
- d. Botanist launching the field of virology

Answer: a

42. Which of the following is false: Which of the following is false:

- a. O antigen can act as endotoxins
- b. Lipid A stabilizes outer membrane structure
- c. Lipid A may cause septic shock

Answer: A

43. Comma bacteria is :

- a. neutrophiles
- b. alkaliphiles
- c. psychrophiles

Answer: b

44. Which type of cocci bacteria is cuboidal? Which type of cocci bacteria is cuboidal

Answer: Sarcinae

45. Which of the following can cause pseudomembranous? Which of the following can cause pseudomembranous

Answer : Diphtheria

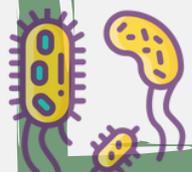
46. Which bacteria end with the suffix -ales? Which bacteria end with the suffix -ales?

Answer: Order

47. One of the following is true regarding free radicals. One of the following is true regarding free radicals

- a. Hydrogen peroxide breaks down by catalase only
- b. Superoxide free radical inhibition by two enzymes
- c. Hydrogen peroxide breaks down by peroxidase only
- d. Superficial free radical inhibition by one enzyme

Answer: b



48. which generation from cephalosporin treat pseudomonas ?

Answer: 4th generation .

49. At which temperature extreme thermophiles grow ?

Answer: 80 and above

50. which of the following correct match:

A. Louis Pasteur → Discovered Mycobacterium tuberculosis

B. Redi → As a tailor

C. Ignaz Semmelweis → discovered hygiene *

Answer: c

51. The stage of bacteria growth , in which penicillin works most effective:

A. Lag phase

B. Exponential phase

C. Stationary phase

D. Exponential and lag

E. Death phase

Answer: b

52. When viral genome integrated with bacterial genome, this process called :
When viral genome integrated with bacterial genome, this process called :

A. Prophage

B. Bacteriophage

C. Transduction

Answer: a

"لم يكن مشغولاً عن يعقوب
ولكنه كان يصنع من يوسف ملكاً،
لو علمتم كيف يجبر الله القلوب
ما دخل اليأس إلى قلوبكم!"
ضع أمرك في ودائع الله وقل يارب سلمتك أمري وكل ما أملك فالله وحده
من يقدر على تخفيف حملك و وحده من سيصلح لك أمرك

﴿وَوَجَدَكَ ضَالًّا فَهَدَى﴾

