

# Microbiology

---

Archive

Lecture 5

Medical card .

Name \_\_\_\_\_

Date of b

Gender \_\_\_\_\_

Address \_\_\_\_\_

Date of call \_\_\_\_\_

Corrected By :

Banan Al-khawaldeh

Designed By :

Raneem Dmour



1.The name of the virus when it's genetic material congogates with bacterial ones:

- a)ProPhage
- b)Lytic phage

Answer: a

2.Bacteria makes scarlet fever:

Answer: Streptococcus pyogenes

3.Which give copy plasmid ?

Answer: Conjugation

4. Type of plasmid give bacteria nutrients? Type of plasmid give bacteria nutrients?

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

answer : d

5.What is the phage of Scarlet fever phenotype?

answer: T12

6.all of the following true except :

virus can be cultured on artificial media

7.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

8.True about capsid :

Answer: protect genome and determine shape

9.Someone came to the clinical with clinical manifestation, he said to the doctor that he ate a canned food, what is the bacteria that associated with this?

- a) C.perfeingens
- b) C.difficile
- c) B.anthraxis
- d) c. botulinum
- e) Mycobacterium

Answer:d

10.Most strains resists phagocytosis by:

- a) Capsule
- b) Cell membrane
- c) Cytoplasm

Answer:a

11. Sale nich of the flowing structures can pass from one bacterium anothe

- a. Plasmid
- b. Pilus
- C. Capsule
- d. Plasma Membrane
- e. Cell wall

answer : a

12. Which of the following is characteristic of the lytic cycle? Select one:

- a. Many bacterial cells containing viral DNA are produced.
- b. Viral DNA is incorporated into the host genome.
- C. The viral genome replicates without destroying the host.
- d. A large number of phages is released at a time
- e. The virus-host relationship usually lasts for generations.

Answer: d

13. Which of the followings is INCORRECT regarding bacterial genetics? Select one:

- a. Bacteria take up DNA from their environment through a process called transformation.
- b. The movement of DNA between bacteria by viruses is called transduction
- C. Conjugation is the direct transfer of DNA by bacteria via plasmids.
- d. Cloning is an artificial transformation.

Answer: e

