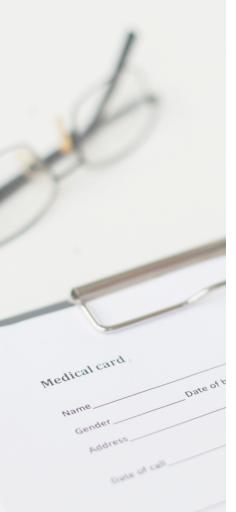
Microbiology



Archive Lecture 5

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microbiology

Lecture 5

1.The	e name of th	ne virus whe	n it's genetic	material	congogates	with bacter	ial 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+ plasmiad

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

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.anthracis
- d) c. botulinum
- e) Mycobacterium

Answer:d

Answer:a

- 10. Most strains resists phagocytosis by:
- a) Capsule
- b) Cell membrane
- c) Cytoplasm

Answer:a

microbiology

Lecture 5

- 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