

# ARJUNA (NEET)

## Biological Classification

**DPP-04**

- Which of the following produce endospore?
  - Bacillus
  - Clostridium
  - Gram negative bacteria
  - More than one
- When a conjugation occurs between  $F^+$  and  $F^-$  then:
  - $F^-$  becomes  $F^+$
  - $F^+$  becomes  $F^-$
  - $F^+$  remains  $F^+$
  - More than one
- During conjugation between  $F^+$  and  $F^-$  bacteria which one the following gets transferred from  $F^+$  to  $F^-$ ?
  - Plasmid
  - Nucleoid
  - Both plasmid and nucleoid
  - None
- Virus mediated transfer of DNA into bacterium is called:
  - Transformation
  - Transduction
  - Conjugation
  - All of the above
- .....Virus transfers specific DNA of bacteria into another bacteria
  - Lytic
  - Lysogenic
  - Both
  - None
- Transduction in which specific bacterial gene is transferred by virus is called
  - Generalized transduction
  - Restricted transduction
  - Specialized transduction
  - More than one
- Which of the following is associated with conjugation in bacteria?
  - Pili
  - Conjugation tube
  - F plasmid
  - All
- Which of the following is wallless?
  - Mycoplasma
  - Bacillus
  - Pseudomonads
  - Rhizobium
- Which of the following has linear ds DNA?
  - Bacillus
  - Chlorobium
  - Nitrosomonas
  - Mycoplasma
- Which of the following is attached to one end of DNA in mycoplasma?
  - Mesosome
  - Replication fork
  - Replication disc
  - Chromatophore
- Which of the following prokaryote is not sensitive to penicillin?
  - Rhizobium
  - Frankia
  - Mycoplasma
  - None
- Joker of plant kingdom is:
  - Chlorobium
  - Chlorella
  - Mycoplasma
  - Rhizobium
- The most primitive prokaryote are:
  - Eubacteria
  - Archaeobacteria
  - Actinomycetes
  - Rickettsiae

- 14.** Which of the following Prokaryotes have histone?  
(A) Mycoplasma (B) Rhizobium  
(C) Archaeobacteria (D) Eubacteria
- 15.** Find out the odd one with respect to archaeobacteria:  
(A) Methanogens  
(B) Halophiles  
(C) Thermoacidophiles  
(D) Actinomycetes
- 16.** Which of the following is found in rumen of cattle?  
(A) Methanogens (B) Halophiles  
(C) Azotobacter (D) Rhizobium
- 17.** Which of the following has pseudomurien?  
(A) Rhizobium (B) Frankia  
(C) Mathanogens (D) Halophiles
- 18.** Methanogens are:  
(A) Obligate anaerobe  
(B) Facultative aerobe  
(C) Obligate anaerobe  
(D) Facultative anaerobe
- 19.** Archaeobacteria are capable of surviving harsh conditions due to their:  
(A) Plasmid (B) Cell wall  
(C) Mesosome (D) Flagella
- 20.** Which of the following is associated with reproduction in Mycoplasma?  
(A) Mesosome  
(B) Pili  
(C) Fimbriae  
(D) Elementary body

**ANSWERS**

1. (D)
2. (D)
3. (A)
4. (B)
5. (B)
6. (D)
7. (D)
8. (A)
9. (D)
10. (C)
11. (C)
12. (C)
13. (B)
14. (C)
15. (D)
16. (A)
17. (C)
18. (A)
19. (B)
20. (D)



Please share your feedback on PW  
Teachers- <https://forms.gle/jEBFswBuki4Ut2Lk6>



For PW APP : <https://physicswala.page.link/?type=contact-us&data=open>

For PW Website : <https://www.physicswallah.live/contact-us>