

ARJUNA (NEET)

BIOLOGICAL CLASSIFICATION

DPP-3

1. Most common mode of reproduction in bacteria is?
A. binary fission B. multiple fission
C. conjugation D. endospore
2. Cell division during bacterial binary fission is?
A. meiosis B. amitosis
C. mitosis D. both b and c
3. which component of bacteria is involved in separation of replicated nucleoid?
A. fimbriae B. plasmid
C. mesosome D. episome
4. when do bacteria undergo binary fission?
A. favorable condition
B. unfavorable condition
C. both
D. none
5. Which of the following is the first phase of bacterial growth in culture?
A. exponential
B. log
C. lag
D. stationary
6. During bacterial binary fission septum and cell formation occur?
A. Simultaneous
B. cell wall formed first
C. septum is formed first
D. none
7. structure involved during bacterial conjugation is
A. fimbriae B. mesosome
C. flagella D. pili
8. Which of the following contains genes for formation of pili?
A. nucleoid B. plasmid
C. genomic DNA D. All
9. Which of the following is a reason for stationary phase during bacterial culture?
A. accumulation toxins or waste
B. lack of space
C. Lack of nutrient
D. all
10. The ability to uptake DNA from surrounding medium by bacteria is?
A. Transduction B. competency
C. virulence D. epistasis
11. Bacteria lack alteration of generation due to ?
A. Mitosis
B. meiosis
C. syngamy
D. more than one
12. Transfer of foreign DNA into bacteria is called?
A. transformation B. transduction
C. conjugation D. none
13. thick walled dehydrated highly resistant structure formed by bacteria is called
A. zoospores B. conidia
C. endospores D. zygospores
14. which of the following group of bacteria produce endospore?
A. gram positive B. gram negative
C. Bacillus D. more than one
15. Which of the following makes endospore highly resistant?
A. Ca DPA B. DAP
C. FAD D. NAD

ANSWERS KEY

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|--------|---------|
| 1. (A) | 10. (B) |
| 2. (B) | 11. (D) |
| 3. (C) | 12. (A) |
| 4. (A) | 13. (C) |
| 5. (C) | 14. (D) |
| 6. (A) | 15. (A) |
| 7. (D) | |
| 8. (B) | |
| 9. (D) | |



Note - If you have any query/issue



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