

Cell: The Unit of Life

1. Find out the odd one with respect to prokaryote
A. Bacteria
B. Blue green algae
C. Mycoplasma
D. None
2. How many basic shapes do the bacteria have?
A. 3
B. 4
C. 5
D. 6
3. Bacteria with spherical shape are called
A. Bacillus
B. Coccus
C. Vibrio
D. Spirillum
4. Bacterial cell wall is made of
A. Peptidoglycan
B. Murein
C. Chitin
D. Both A and B
5. Glycocalyx lies..... to cell wall in bacteria
A. Outer
B. Inner
C. Glycocalyx is never present in bacteria
D. Can be A or B
6. Who developed Gram staining
A. Christian Gram
B. Robert Brown
C. Flemming
D. None
7. Which of the following is not a part of cell envelope in bacterial cell?
A. Plasmamembrane
B. Cell wall
C. Glycocalyx
D. Nucleoid
8. Capsule in bacteria is
A. Thick
B. Tough
C. Loose sheath
D. More than one is true
9. Which one of the following provides a strong structural support to bacterial cell?
A. Cell wall
B. Glycocalyx
C. Plasmamembrane
D. Cytoskeleton
10. Which one of the following is not a function of bacterial cell wall
A. Prevents the bacteria from collapsing
B. Provides shape to bacterial cell
C. Provides sticky character to cell
D. Both A and B
11. Bacteria which take up the stain during gram staining
A. Gram positive
B. Gram negative
C. Appear blue upon staining
D. More than one is true
12. Find out the odd one with respect to outer membrane
A. Present in gram positive bacterial cell wall
B. Lacks Porins
C. Have polysaccharide
D. Both A and B
13. Which one is common between bacterial cell wall and fungal cell wall?
A. NAM
B. NAG
C. Both
D. Nothing is common between bacterial and fungal cell wall
14. Which of the following lacks cell wall?
A. Escherichia coli
B. Blue green algae
C. Mycoplasma
D. Archaeobacteria
15. The prokaryotes are and multiply....., than Eukaryotic cells
A. Smaller, slowly
B. Smaller, rapidly
C. Larger, slowly
D. Larger, rapidly

ANSWERS KEY

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



Note - If you have any query/issue



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