DR. ADWET'S BIOLOGY TUITIONS

BIOLOGY NCERT XI | CELL - THE UNIT OF LIFE | LECTURE 12 MCQs

1. Which of the following are in the form of a twisted chain?
   (a) Diplococcus
   (b) Vibrio
   (c) Streptococcus
   (d) Staphylococcus
2. Which of the following structure is not seen in a Eukaryotic Flagella?
   (a) Filament
   (b) Hook
   (c) Basal Body
   (d) Both (a) and (b)
3. Cyanobacteria have
   (a) Chlorophyll a
   (b) Phycobilins
   (c) Phycoerythrins
   (d) All of the above
4. Cell Envelope is made of
   (a) 1 layer
   (b) 2 layers
   (c) 3 layers
   (d) 4 layers
5. The genetic material in a prokaryotic cell is
   (a) naked
   (b) covered by nuclear membrane
   (c) called nucleoid
   (d) Both (a) and (c)
6. Fimbriae are
   (a) Bristle like fibers
   (b) Tube like structures
   (c) Help in locomotion
   (d) Both (a) and (c)
7. Pick the false statement for gram positive bacteria
   (a) Peptidoglycans are arranged in multiple layers
   (b) Cell wall has lipoteichoic acid
   (c) Have an outer membrane in cell wall
   (d) Flagella has 2 rings in Basal Body
8. Which of the following is not seen in Prokaryotic cells?
   (a) Flagella
   (b) Pili
   (c) Fimbriae
   (d) Cilia
9. Slime layer
   (a) is a Thick layer
   (b) is a loose sheath
   (c) is a well – organized layer
   (d) protects against phagocytosis
10. Which of the following are the smallest of all living organisms
    (a) Viruses
    (b) PPLO
    (c) Bacteria
    (d) Blue Green Algae
11. Gram Negative Bacteria appear as _____ in the microscope
    (a) Blue
    (b) Purple
    (c) Red
    (d) Any of the above
12. Pili are
    (a) Bristle like fibers
    (b) Tubular structures
    (c) Help in transfer of material
    (d) Both (b) and (c)
13. Gas Vesicles in certain Cyanobacteria help in
    (a) Carbon dioxide for Photosynthesis
    (b) Oxygen for Respiration
    (c) Buoyancy
    (d) All of the above
14. Which of the following are in the form of a bunch of grapes?
    (a) Diplococcus
    (b) Vibrio
    (c) Streptococcus
    (d) Staphylococcus
15. All Prokaryotes have a cell wall except
    (a) Bacteria
    (b) Cynobacteria
    (c) Mycoplamsa
    (d) Blue Green Algae.