# DR. ADWET'S BIOLOGY TUITIONS

## BIOLOGY NCERT XI | CELL - THE UNIT OF LIFE | LECTURE 13 MCQs

1. Inclusion bodies have _____ membrane(s).
   (a) 1
   (b) 2
   (c) 2 fused
   (d) no
2. The first antibiotic to be discovered was
   (a) Penicillium
   (b) Penicillin
   (c) Tetracyclin
   (d) Streptomycin
3. Mesosomes are _____ of Cell Membrane
   (a) special differentiated forms
   (b) extensions
   (c) infoldings
   (d) all of the above
4. Plasmids are _____ than Genomic DNA.
   (a) smaller
   (b) larger
   (c) more difficult to stain
   (d) more central
5. Cyanophycean granules are found in
   (a) bacteria
   (b) mycoplasma
   (c) Blue Green Algae
   (d) Penicillium
6. Prokaryotic cells _____ compared to Eukaryotic cells
   (a) are Larger
   (b) are smaller
   (c) Multiply slower
   (d) Both (b) and (c)
7. Gas Vacuoles are found in
   (a) Mycoplasma
   (b) Staphylococcus
   (c) Cyanobacteria
   (d) All of the above
8. Prokaryotic Ribosomes are of the _____ type
   (a) 50 S
   (b) 60 S
   (c) 70 S
   (d) 80 S
9. Which of the following is not a function of the mesosome?
   (a) cell wall formation
   (b) secretion
   (c) antibiotic resistance
   (d) DNA replication
10. Bacteria can show antibiotic resistance because of presence of
    (a) Nucleoid
    (b) Circular DNA
    (c) Plasmids
    (d) Bacteria are always susceptible to Antibiotics
11. Certain Cyanobacteria have membranous extensions into the cytoplasm which contain pigments. They are called as
    (a) Plastids
    (b) Cyanophycean Granules
    (c) Chromatophores
    (d) Chloroplast
12. Pick the False statement
    (a) Prokaryotic cells have Glycocalyx
    (b) Eukaryotic cells have Peptidoglycans
    (c) Prokaryotic cells have no membrane bound organelles
    (d) Prokaryotic cells have circular DNA
13. Plasmids are _____ Genomic DNA.
    (a) in addition to
    (b) created in response to
    (c) larger in size compared to
    (d) always present whenever there is
14. Prokaryotic Ribosomes are about _____ in size.
    (a) 15 nm by 20 nm
    (b) 15 μm by 20 μm
    (c) 10 nm by 25 nm
    (d) 1.5 μm by 2.0 μm
15. The Plasma membrane is _____ in nature
    (a) permeable
    (b) impermeable
    (c) Selectively permeable
    (d) can be any of the above