



# Yakeen NEET 2.0 - 2026

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Cell - The Unit of Life

(NCERT Booster - 02)

1. **Assertion (A) :** cells of human cheek has outer membrane as delimiting structure  
**Reason (R) :** cell wall is absent in animal cell  
(A) Both A and R are true and R is the correct explanation of A.  
(B) Both A and R are true but R is NOT the correct explanation of A.  
(C) A is true but R is false.  
(D) A is false but R is true.
2. Correct  
(A) onion cell have cell wall outer boundary just outside cell membrane  
(B) Inside each cell dense membrane bound structure : centrosome  
(C) chromosome contain genetic material basically RNA  
(D) membrane bound organelle absent in Rhizobium & present in Pinus
3. Cytoplasm  
(A) semi fluid region only in eukaryotes  
(B) site of cellular activity in animal cell  
(C) various chemical reaction occur in it to keep cell in animate state  
(D) both (B) & (C) are correct
4. Correct  
(A) Cell not differ in shape, size, activities  
(B) mycoplasma, smallest cell, 0.3  $\mu\text{m}$  in length is not belong to monera  
(C) bacteria could be 3 to 5 m  
(D) largest isolated cell is ostrich egg and it is multicellular  
(E) all are incorrect
5. How many statement are correct  
(a) Among unicellular organism human RBC are about 7  $\mu\text{m}$  in diameter  
(b) Nerve cell some of longest cell  
(c) cell vary greatly in shape  
(d) shape may very disc, polygonal, columnar, cuboidal  
(e) shape of cell not vary with function  
Option  
(A) 1 (B) 2  
(C) 3 (D) 0
6. Correct  
(A) prokaryotic cell represent by bacteria, BGA, mycoplasma but not PPLO  
(B) prokaryote larger, multiply faster than eukaryote  
(C) bacillus (rod), coccus (spherical), vibrio (spiral), spirillum (comma)  
(D) all are incorrect
7. Correct  
(A) organisation of prokaryotic cell is fundamental dissimilar  
(B) prokaryote exhibit wide variety of shape & function  
(C) all prokaryote have cell wall  
(D) genetic material is naked enclosed by nuclear membrane
8. Correct  
(A) Genomic DNA is not main genetic material  
(B) Many genomic DNA PRESENT  
(C) single chromosome/DNA IS NOT GENOMIC DNA  
(D) many bacteria have large circular DNA outside genomic DNA  
(E) None

9. Incorrect

- (A) small DNA IS PLASMID
- (B) Plasmid provide phenotypic character to bacteria
- (C) plasmid not helps in transformation
- (D) resistance to antibiotic is phenotypic character

10. Incorrect

- (A) Nuclear membrane absent in E.Coli
- (B) No organelle like ones in eukaryote are found in prokaryote except for ribosome
- (C) infolding of cell membrane is mesosome in prokaryote except
- (D) inclusion body present in prokaryote



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