

# Yakeet NEET 2.0 (2026)

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## Cell The unit of Life

DPP: 6

- Q1** Which of the following statements is not true  
 A. Lysosomes are membrane bound structures.  
 B. Lysosomes are formed by the process of packaging in the endoplasmic reticulum.  
 (A) Both A and B true  
 (B) B - true but A - false  
 (C) A - true but B - false  
 (D) Both A and B are false
- Q2** Which of the following can be digested by hydrolytic enzymes?  
 (A) Protein (B) lipid  
 (C) Carbohydrates (D) All of these
- Q3** The membrane of vacuole is called.....  
 (A) Tonoplast  
 (B) Amyloplast  
 (C) Bioplast  
 (D) Both (B) and (C)
- Q4** Tonoplast is  
 (A) Permeable  
 (B) Semipermeable  
 (C) Selectively permeable  
 (D) Impermeable
- Q5** Most of the water in mature plant cells occurs chiefly in which of the following?  
 (A) Cell wall (B) Cytoplasm  
 (C) Vacuoles (D) Nucleus
- Q6** Function of contractile vacuole is  
 (A) Excretion  
 (B) Osmoregulation  
 (C) Both (A) & (B)  
 (D) Gaseous exchange
- Q7** The storage tanks of the cells are  
 (A) lysosomes (B) ribosomes  
 (C) vacuoles (D) All of these
- Q8** Large central vacuole is present in  
 (A) Plant cell  
 (B) Animal cell  
 (C) Prokaryotic cell  
 (D) All eukaryotic cells
- Q9** Sap vacuole is absent in:  
 (A) Plant cell  
 (B) Bacterial cell  
 (C) Blue green algal cells  
 (D) More than one
- Q10** Membrane of vacuole is known as  
 (A) Tonoplast  
 (B) Cell membrane  
 (C) Cytoplasm  
 (D) Both (A) and (C)
- Q11** The longest portion of the bacterial flagellum that extends from the cell surface to the outside is called:  
 (A) filament.  
 (B) hook.  
 (C) basal body.  
 (D) lamellae.
- Q12** Which of the following stores food in the form of proteins?  
 (A) Elaioplasts (B) Aleuroplast  
 (C) Amyloplast (D) None
- Q13** Find out the incorrect statement regarding plastid  
 (A) Double membrane bound organelle  
 (B) Semi-autonomous  
 (C) Lack naked DNA molecule  
 (D) Has GC rich DNA



- Q14** RuBisCO is found in.  
(A) Mitochondrial matrix  
(B) Stroma  
(C) Grana  
(D) Thylakoid
- Q15** Which is a component of chlorophyll?  
(A) Mg  
(B) Mn  
(C) Fe  
(D) Zn
- Q16** Choose the correct statements  
I. Mitochondria and Chloroplast transfer energy  
II. Mitochondrion is a power-house of cell as it produces most of the cellular ATP  
III. Mitochondria and chloroplast are found in all eukaryotic cells  
IV. Mitochondria are the sites of anaerobic respiration.  
V. The matrix of mitochondria posses a single linear DNA, many RNA molecules, 80 S ribosomes  
(A) IV and V  
(B) II only  
(C) II, IV and V  
(D) III and V
- Q17** Plastids are found in  
(A) All animal cells  
(B) Some animal cells  
(C) All plant cells  
(D) All plants cells and euglenoids
- Q18** Extranuclear inheritance is due to the presence of genes in  
(A) mitochondria and chloroplasts  
(B) nucleus and mitochondria  
(C) nucleus and chloroplasts  
(D) endoplasmic reticulum and mitochondria



## Answer Key

Q1 (C)  
Q2 (D)  
Q3 (A)  
Q4 (C)  
Q5 (C)  
Q6 (C)  
Q7 (C)  
Q8 (A)  
Q9 (D)

Q10 (A)  
Q11 (A)  
Q12 (B)  
Q13 (C)  
Q14 (B)  
Q15 (A)  
Q16 (B)  
Q17 (D)  
Q18 (A)



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