

## Yakeen NEET 2.0 2026

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## Cell - The Unit of Life

DPP: 5

- Q1** Cisternae of Golgi apparatus has diameter of:  
 (A) 0.5 – 1.0 nm.  
 (B) 0.5 – 1.0  $\mu\text{m}$ .  
 (C) 5 – 1  $\mu\text{m}$ .  
 (D) 0.5 – 3.0 nm.
- Q2** The Golgi complex participates in  
 (A) lipid synthesis  
 (B) formation of secretory vesicles  
 (C) fatty acid breakdown  
 (D) activation of amino acid
- Q3** Which of the following cell organelle is present in the highest number in cell involved in Enzyme production  
 (A) Mitochondria  
 (B) Golgi complex  
 (C) Endoplasmic reticulum  
 (D) Plastids
- Q4** Which sequence of modification and transport of secretory vesicles is correct?  
 (A) RER → Cell membrane → Golgi body → Mitochondria  
 (B) SER → Secretory vesicles → Cell membrane  
 (C) RER → Secretory vesicles → Golgi body → Cell membrane  
 (D) SER → Golgi body → Cell membrane → Secretory vesicles
- Q5** Organelle involve in sorting vesicles so that few can be remain in cell other can be sent outside-  
 (A) SER (B) RER  
 (C) Golgi body (D) Chloroplast
- Q6** Which face of Golgi body cisternae is towards membrane -  
 (A) Convex (B) Concave  
 (C) Cis (D) Forming face
- Q7** Vesicles from ER fuse with Golgi body at face  
 (A) Convex (B) Concave  
 (C) Trans (D) Maturing face
- Q8** Golgi body consists of ..... number of cisternae  
 (A) Many (B) Few  
 (C) Zero (D) Fixed
- Q9** Which of the organelle shows glycosidation?  
 (A) SER  
 (B) RER  
 (C) Both SER and RER  
 (D) Golgi body
- Q10** Which face of Golgi body is present near nucleus?  
 (A) Cis (B) Trans  
 (C) Maturing (D) Concave
- Q11** The cis face and trans face of Golgi body are:  
 (A) Similar and connected  
 (B) Entirely different and not connected  
 (C) Entirely different and connected  
 (D) Similar but not connected
- Q12** Which of the following is an important site of glycolipid formation?  
 (A) SER (B) RER  
 (C) lysosome (D) Golgi body
- Q13** After packaging the materials are released from which face of Golgi body?  
 (A) Cis (B) Trans  
 (C) Forming (D) Convex
- Q14** Golgi body in plants is called  
 (A) Desmotubule (B) Dictyosome  
 (C) Kinetoplasm (D) Kinetochore



- Q15** The newly formed lysosome is called  
 (A) Primary lysosome  
 (B) Secondary lysosome  
 (C) Autophagic lysosome  
 (D) All of the above
- Q16** Lysosomes are the reservoirs (storehouses) of  
 (A) hydrolytic enzymes  
 (B) oxidative enzymes  
 (C) secretory glycoproteins  
 (D) RNA and proteins.
- Q17** Cell organelle responsible for autolysis is  
 (A) dictyosome (B) lysosome  
 (C) peroxisome (D) glyoxysome
- Q18** As they release hydrolase that digest old and damaged cells, the term suicide bags is aptly used by cell biologists for  
 (A) Golgi bodies (B) lysosomes  
 (C) glyoxysomes (D) peroxisomes.
- Q19** How does a cell rid itself of defective or malfunctioning organelles?  
 (A) They are engulfed by plastids and stored until export from cell is possible.  
 (B) Defective parts accumulate until the cell itself dies.  
 (C) They are exported by exocytosis.  
 (D) Lysosomes assist in the removal of defective organelles by digesting them.

**Q20** Match **List-I** with **List-II**.

List-I		List-II	
(A)	Rough endoplasmic reticulum	(I)	Hydrolytic enzymes
(B)	Ribosome	(II)	Composed of Ribonucleic acid (RNA) and proteins
(C)	Golgi complex	(III)	Protein synthesis and secretion
(D)	Lysosomes	(IV)	Packaging of material

Choose the **correct** answer from the options given below.

- (A) A-III, B-II, C-IV, D-I  
 (B) A-II, B-III, C-IV, D-I  
 (C) A-I, B-III, C-II, D-IV  
 (D) A-IV, B-II, C-III, D-I

- Q21** Which of the following statements is not correct?  
 (A) Lysosomes are formed by the process of packaging in the endoplasmic reticulum.  
 (B) Lysosomes have numerous hydrolytic enzymes.  
 (C) The hydrolytic enzymes of lysosomes are active under acidic pH.  
 (D) Lysosomes are membrane-bound structures.
- Q22** Which organelle have highest enzyme -  
 (A) Mitochondria  
 (B) Lysosome  
 (C) ER  
 (D) Golgi bodies
- Q23** Acid hydrolases are present in  
 (A) ER  
 (B) Golgi bodies  
 (C) Lysosomes  
 (D) Centriole
- Q24** Find out the odd one with respect to lysosomal enzyme.  
 (A) Lipase (B) Protease  
 (C) Carbohydrase (D) RuBisCO



## Answer Key

Q1 (B)  
Q2 (B)  
Q3 (C)  
Q4 (C)  
Q5 (C)  
Q6 (B)  
Q7 (A)  
Q8 (A)  
Q9 (D)  
Q10 (A)  
Q11 (C)  
Q12 (D)

Q13 (B)  
Q14 (B)  
Q15 (A)  
Q16 (A)  
Q17 (B)  
Q18 (B)  
Q19 (D)  
Q20 (A)  
Q21 (A)  
Q22 (A)  
Q23 (C)  
Q24 (D)



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