

11. **Functions of the Endoplasmic reticulum**
 1. Lipid synthesis 2. Protein synthesis 3. Protection 4. Division of cell
12. **Arrangement of Golgi complex with nuclear membrane is with**
 1. Trans face towards nucleus 2. Cis face away from nucleus
 3. Trans face away from nucleus 4. Either cis or trans towards nucleus
13. **Single membrane cell organelle**
 1. Ribosome 2. Mitochondria 3. Lysosome 4. ER
14. **Steroid hormones are synthesized by**
 1. Golgi 2. ER 3. Lysosome 4. Peroxysome
15. **True statement regarding Golgi complex**
 I. It helps in the cell wall formation
 II. It helps in intracellular transport
 III. It is a site of glycoprotein and glycolipid synthesis
 IV. It synthesizes steroidal hormones in animal cells
 1. I & II 2. II & III 3. III & IV 4. I & III
16. **Function of Lysosome is**
 1. Digestion 2. Oxidation 3. Hydrolysis 4. Packaging
17. **Anthocyanin pigments are found in/ on**
 1. Chloroplast 2. Vacuole 3. Aleuroplast 4. Thylakoids
18. **True statement among the following**
 I. Contractile vacuoles are present in plants II. Function of vacuoles in plant is excretion
 III. Vacuole is bounded by single membrane IV. Vacuole store food material
 1. I & II 2. II & III 3. Only III 4. III & IV
19. **Sausage shaped cell organelle is**
 1. Mitochondria 2. Plastids 3. Golgi 4. ER
20. **Assertion A : Concentrations of ions in cell sap is more than cytoplasm**
Reason R : Digestion of food takes place in cell sap
 1) Both A and R are correct and R is the correct explanation of A.
 2) Both A and R are correct but R is not the correct explanation of A.
 3) A is true, R is false
 4) A is false, R is true.
21. **Type of ribosomes found in eukaryotic cells**
 1. 70S 2. 80S 3. 70S & 80S 4. 70S or 80S

