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1. Which of the following statements are incorrect regarding ER?

a) The adipose tissue has both SER and RER

b) Plasma cells has RER only

c) RBC lacks both RER and SER

d) Hepatocytes has both RER and SER

2. The term 'endoplasmic reticulum' was coined by

a) Reinert

b) Porter

c) Pomaret

d) Johnson

3. Which of the following organelles has a continuous connection with nuclear membrane

a) Golgi apparatus

b) Lysosome

c) RER

d) SER

4. In RER, ribosomes are located on

a) the cytoplasmic side

b) on the luminal side

c) both a and b

d) all through out

5. SER is involved in

a) Phospholipid biosynthesis and detoxification reaction

b) Phospholipid biosynthesis and protein synthesis

c) Protein synthesis

d) Phospholipid biosynthesis

6. SER in the retinal cells are called as

a) Sarcoplasmic reticulum

b) Retinal reticulam

c) Myeloid bodies

d) Amyloid bodies

7. The functions of RER include

a) Protein synthesis and detoxification

b) Protein synthesis and post translational modification

c) Protein synthesis and phospholipid biosynthesis

d) Protein synthesis only

8. Which of the following statements are true regarding endoplasmic reticulum

- a) ER provides structural framework to the cell
- b) ER acts as an intracellular transporting system
- c) SER is involved in synthesis of lipids
- d) All of these**

9. The transport of secretory proteins takes place through organelles in the order

- a) RER->SER->golgi-> secretory vesicles**
- b) SER->RER->golgi-> secretory vesicles
- c) RER->SER-> secretory vesicles -> golgi
- d) RER->golgi->SER-> secretory vesicles

10. Rough Endoplasmic Reticulum is called 'rough' because

- a) rough texture of the surface
- b) surface is studded with membrane proteins
- c) surface is studded with ribosomes**
- d) All of these