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1. All the following sites has ribosomes except

- a) **nucleus**
- b) mitochondrion
- c) chloroplast
- d) cytoplasm

2. Ribosomes are present in

- a) Eukaryotes only
- b) **Eukaryotes and prokaryotes**
- c) Prokaryotes only
- d) Eukaryotes, prokaryotes and viruses

3. In 70S ribosomes, 'S' stands for

- a) SI unit
- b) Solubility factor
- c) **Svedberg unit**
- d) all of these

4. 80 S ribosomes occur in

- a) Eukaryotic cells of animals
- b) **Eukaryotic cells of animals and plants**
- c) Both Eukaryotic cells and prokaryotic cells
- d) all of these

5. The subunits of 80S ribosome include

- a) 40S and 50S
- b) 30S and 50S
- c) **40S and 60S**
- d) 20S and 60S

6. Which of the following ions are required for binding of ribosomal subunits

- a) Na⁺
- b) **Mg⁺⁺**
- c) Mn⁺⁺
- d) Fe⁺⁺

7. 70S ribosome occur in

- a) viruses
- b) **prokaryotes**
- c) prokaryotes and eukaryotic plant cells
- d) All of these

8. The larger and smaller subunit of 70S ribosome is

- a) **50S and 30S**
- b) 30S and 40S

- c) 40S and 20S
- d) 20S and 50S

9. Ribosomes are made up of

- a) RNA only
- b) RNA and proteins**
- c) RNA, DNA and proteins
- d) Nucleic acids, proteins and lipids

10. Polysomes are

- a) multiple units of ribosomes
- b) attachment of many ribosomes to a common mRNA**
- c) attachment of many mRNA to a common ribosomes
- d) lysosomal aggregations