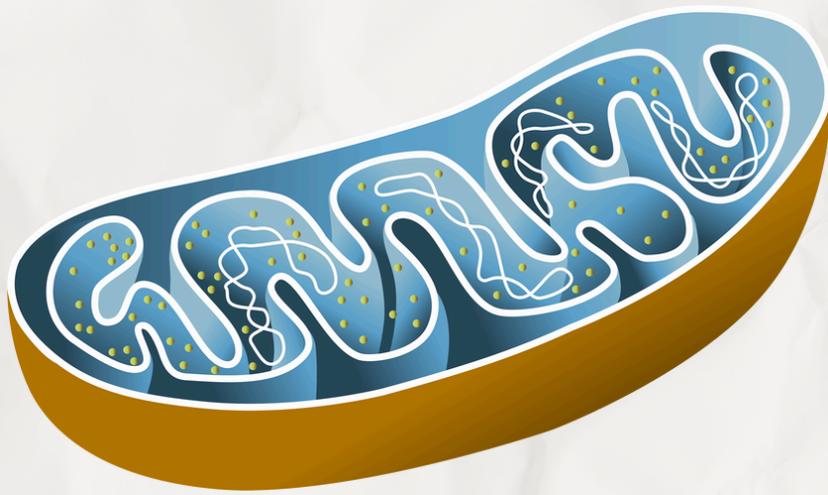


# BIOLOGY ARCHIVE

## MID EXAM



1. Determine the correct order from smallest to largest.:

- A. cell ,organ, organism, ecosystem
- B. cell , organism, organ, ecosystems
- C. ecosystems, organ,organism,cell
- D. ecosystem,organism,,cell

answer:A

2. Ions can travel directly from the cytoplasm of one animal cell to the cytoplasm of an adjacent cell through

- A) plasmodesmata
- B) tight junctions
- C) desmosomes
- D) gap junctions

answer:D

3. What is a primary function of integrins?

- A) connecting intermediate filaments to microtubules involved in vesicular transport
- B) linking the primary and secondary cell walls in plants
- C) transmitting signals from the extracellular matrix to the cytoskeleton
- D) transmitting chemical signals from the Golgi apparatus to the plasma membrane

answer:c

4. Which of the following follows order?

- A. Class
- B. Genus
- C. Species
- D. Family

answer:D

5. name of scientist which but fluid mosaic model

- A. Seymour Jonathan
- B. Darwin
- C. Gregor Mendel
- D. James Watson

answer:A

6.collection of facts, statistics, numbers, symbols, or descriptions that are

Answer: Data

7. a well-substantiated explanation of some aspect of the natural world, based on a body of facts that have been repeatedly confirmed This definition refers to

Answer: theory

8.Which microscope uses two lenses?

- A. Simpl microscope
- B. Fluorescence microscope
- C.compound microscope
- D. Brightfiield microscope

Ans. D

9.which microscope produced 3D images A. Simpl microscope B. Scanning electron microscope C.compound microscope D. Brightfiield microscope

Ans.B

10.Which microscope is used to see inside a cell?

- A. Simpl microscope
- B. Scanning electron microscope
- C.compound microscope
- D. Brightfiield microscope

Ans.B

11.What is the common structure between eukaryotic cells & prokaryotic cells

- A.Nucleus
- B. Nuclear
- C.lysosomes
- D.ribosomes

Ans. D

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Ans. D

12. Which of the following is not a component of the endomembrane system?

- A. Golgi apparatus
- B. lysosomes
- C. Plasma membrane
- D. Chloroplast

Ans. D

13. which of the following synthesis fat, phospholipid and store calcium

- A. rER
- B. sER
- C. Nuclear
- D. nucleus

Ans. B

14. the function of Golgi apparatus

- A. modifies products of the lysosomes
- B. store calcium
- C. store and packages materials into transport vesicles

Ans. C

15. what is the function of nucleoplasm

16. which of the following can hydrolyze proteins, fats, polysaccharides, and nucleic acids

- A. lysosomes enzymes
- B. Golgi apparatus
- C. sER
- D. rER

Ans. A

17. the function for centrosome is...>>> Answer: organization microtubules

18. Which unit of the cytoskeleton and its subunits belong to the keratin family?

- A. Microfilament
- B. Microtubules
- C. Intermediate filaments
- D. Neurofibromas

Ans. C