

How many daughter cells are formed in meiosis? _____

- (a) 1 (b) 2 (c) 3 (d) 4

Which of the following divisions is also termed as somatic division? _____

- (a) Mitosis (b) Meiosis

Which is called reduction cell division? _____

- (a) Mitosis (b) Meiosis

Mitosis has how many distinct phases? _____

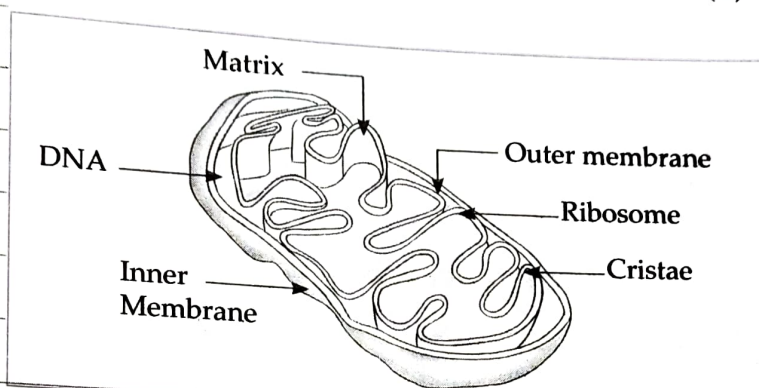
- (a) 2 (b) 3

(c) 4 (d) 5

In which cell division, number of chromosome become halved? _____

- (a) Mitosis (b) Meiosis

(c) Both a and b (d) None of these



(Any 4)

Which of the following has their own DNA and ribosomes? _____

- (a) Mitochondria (b) Plastid (c) Both of them (d) None of them

This is the figure of _____

- (a) Mitochondria (b) Plastid (c) Vacuole (d) Golgi bodies

Its inner membrane is folded _____

- (a) To increase surface area for exchange of gases
(b) To increase surface area for absorption of food
(c) To increase surface area for filtration of blood
(d) To increase surface area for production of energy

In which of the following organism above organelle is not present _____

- (a) Bacteria (b) Plant (c) Animal (d) Fungi

This is also called _____

- (a) Kitchen of the cell (b) Brain of the cell
(c) Synthesizer of the cell (d) Power house of the cell

3. The discovery of the cell was made possible through the invention of the microscope. The cell was discovered and named by English physicist Robert Hooke in 1665. He made thin slices of cork and linked the body partitions he observed to the cells (small rooms) in a monastery. However, what Hooke actually saw was the dead cell walls of plant cells (cork) as it appeared under the microscope. The cell walls observed. Hooke gave no indication of the nucleus and other organelles found in most living cells. The first man to witness a live cell under a microscope was Anton van Leeuwenhoek, who in 1674 described the algae *spirogyra*, van Leeuwenhoek probably also saw bacteria. (Any 4)

Who discovered the cell? _____

- (a) Leewenhoek (b) Robert hooke (c) Robert brown (d) Purkinje

Which of these does not follow cell theory? _____

- (a) Bacteria (b) Virus (c) Fungi (d) Amoeba

Who gave cell theory? _____

- (a) Leeuwenhook (b) Schwann and Schleiden
(c) Robert Brown (d) Purkinje

Apparatus which is used to magnify image is _____

- (a) Telescope (b) Microscope (c) Periscope (d) Petridish

Who discovered living cell? _____

- (a) Leeuwenhook (b) Roberk Hooke (c) Robert Brown (d) Purkinje