

Which among the following is the main organ for photosynthesis in plants?

- a) Root
- b) Stem
- c) Leaf
- d) Flowers

Answer: c) Leaf

In which cell organelle does glycolysis occur?

- a) Mitochondria
- b) Cytoplasm
- c) Ribosome
- d) Chloroplast

Answer: b) Cytoplasm

Which of these is a prokaryotic organism?

- a) Amoeba
- b) Paramecium
- c) Nostoc
- d) Euglena

Answer: c) Nostoc

The primary function of xylem is:

- a) Transport of food
- b) Transport of water
- c) Photosynthesis
- d) Respiration

Answer: b) Transport of water

The functional unit of kidney is:

- a) Nephron
- b) Alveolus

- c) Neuron
- d) Glomerulus

Answer: a) Nephron

Which hormone is produced during stress?

- a) Insulin
- b) Adrenaline
- c) Thyroxine
- d) Estrogen

Answer: b) Adrenaline

What is the number of chromosomes in human gametes?

- a) 23
- b) 46
- c) 22
- d) 44

Answer: a) 23

DNA replication occurs during:

- a) G1 phase
- b) G2 phase
- c) M phase
- d) S phase

Answer: d) S phase

Which of the following is an example of a vector?

- a) Cow
- b) Mosquito
- c) Bacteria
- d) Fungi

Answer: b) Mosquito

Which of the following is a sexually transmitted disease (STD)?

- a) Tuberculosis
- b) AIDS
- c) Typhoid
- d) Cholera

Answer: b) AIDS

