

Sample paper (Science)

Q1 Which of the following is caused by the deficiency of calcium?

- a) Osteomalacia
- b) Beri Beri
- c) Scurvy
- d) Rabies

Answer- a) osteomalacia

Q2 Both seeds and leaves of this plant are edible. Select from the following.

- a) Tomato
- b) Cabbage
- c) Potato
- d) Mustard

Answer- (d) Mustard

Q3 The process by which green plants and certain other organisms transform light energy into chemical energy is known as ____.

- a) Photosynthesis
- b) Respiration
- c) Osmosis
- d) Digestion

Answer- (a) photosynthesis

Q4 We can recycle water by ____.

- a) Reusing the water from washing clothes to cook.
- b) Watering plants with the leftover water.
- c) Discharging sewage and waste materials into the ocean.
- d) Discharging factory waste into canals and seas.

Answer- (b) watering plants with the leftover water.

Q5 In general, on heating metals they ____.

- a) Contract
- b) Expands
- c) Both (a) and (b)
- d) None of these

Answer- (b) Expands

Q6 Spinach is a good source of ____.

- a) Iron
- b) Calcium
- c) Phosphorus
- d) Sodium chloride

Answer- (a) Iron

Q7" Water helps to maintain a constant body temperature in our body" TRUE/FALSE?

- a) Not sure
- b) False
- c) True
- d) Both (a) (b)

Answer – (c) true

Q8 In which habitat, does the animal move fastest ?

- a) Grasslands
- b) Mountain
- c) Desert
- d) Forest

Answer- (a) grasslands

Q9 Most of the electricity carrying wires near highways do not have plastic covering like the wires used in domestic purposes. But there is no substantial loss of energy because ____.

- a) Air is a bad insulator of electricity.
- b) Air is a bad conductor of electricity.
- c) Electricity flows very fast near highways.
- d) Both b and c.

Answer- (b) air is a bad conductor of electricity

Q10 In cactus plant, _____ are reduced to spines

- a) Leaves
- b) Flower
- c) Roots
- d) Stem

Answer- (a) leaves