

## SUBJECT : SCIENCE

## Q1. Fill in the blanks.

- a) The field is \_\_\_\_\_ to prepare the soil.
- b) Unwanted plants are called \_\_\_\_\_.
- c) The grains are stored in the \_\_\_\_\_.
- d) \_\_\_\_\_ is the practice of planting different crops over several seasons.
- e) \_\_\_\_\_ is the natural fertiliser .
- f) Seeds are scattered away from the mother plant by the process of \_\_\_\_\_.
- g) The \_\_\_\_\_ is the reproductive part of a plant.
- h) A group of cells join to make a \_\_\_\_\_.
- i) The shortest bone is present in the \_\_\_\_\_.
- j) \_\_\_\_\_ carry messages back and forth like telephone wires.
- k) The heart is made up of \_\_\_\_\_ muscles.
- l) \_\_\_\_\_ joint is also called rotatory joint.
- m) Immovable joints are found in the \_\_\_\_\_.
- n) The \_\_\_\_\_ is the coloured part of your eye.
- o) \_\_\_\_\_ muscles can control the movements of the body.
- p) The white part of the eye is called \_\_\_\_\_.

## Q2. Multiple choice questions:

1) Which of the following is a kharif crop?

- i) Wheat    ii) Rice    iii) cotton

2) \_\_\_\_\_ helps to add nutrients in the soil.

- i) Manuring    ii) irrigation    iii) Ploughing

3) Seeds germinates and grows into \_\_\_\_\_

- i) Leaves    ii) spores    iii) seedling

4) Plants like potato is grown from their

i) stems      ii) roots      iii) leaves

5) Chemicals used to destroy plant pests.

i) pesticides      ii) manure      iii) weeds

6) Which of the following is not an agent of dispersal of seeds?

i) water      ii) wind      iii) soil

7) How many bones are there in an adult human body?

i) 240      ii) 540      iii) 206      iv) 306

8) Tendons connect bone to \_\_\_\_\_.

i) Bone      ii) ligament      iii) muscle      iv) joint

9) Where cardiac muscle is found?

i) Brain      ii) heart      iii) lungs      iv) stomach

10) Gliding joint is present in

i) neck      ii) toes      iii) hip      iv) wrist

**Q3. Give one word answer.**

a) The process of growing crop is called \_\_\_\_\_

b) The study of plants. \_\_\_\_\_

c) Fertilizers manufactured in factories and contain chemical ingredients are called \_\_\_\_\_

d) The method of supplying water to the fields \_\_\_\_\_

e) It protects the heart and lungs. \_\_\_\_\_

f) The smallest muscle in our ear. \_\_\_\_\_

g) Another name of Brainstem. \_\_\_\_\_

h) The layer that covers the front/ ball of an eye. \_\_\_\_\_

- i) It is a thin, tubular bundle of nerves that begins at the brain's base and extends to the pelvis. \_\_\_\_\_

**Q4. State True or False.**

- a) Overuse of fertilizers is good for the crops.
- b) Kharif crops are grown in March.
- c) Manuring increases the fertility of the soil.
- d) Cotyledons are present inside the seed.
- e) Seedling is a mature plant developed from the embryo.
- f) Agriculture is the main occupation of people in India.
- g) Tibia is the longest bone in the human body.
- h) Muscles can only push, not pull.
- i) The brain is divided into two halves.
- j) The nerves are directly connected to the brain or spinal cord.
- k) Skull is made up of 22 bones.
- l) Voluntary muscles are not under our control.

**Q5. Match the following.**

<b>Column A</b>	<b>Column B</b>
i) Irrigation	a) two seed leaves
ii) Carrot	b) Grown from roots
iii) Dicot seed	c) Stamen
iv) Male part of flower	d) Watering field
v) Humerus	a) Cerebellum
vi) Pupil	b) Upper arm bone
vii) Little brain	c) Neurons

viii) Nerves cells

d) Middle of Iris

**Q6. Give reasons.**

- a) Seed dispersal plays an important role .
- b) Crop rotation is useful to farmers.
- c) We should not use excess fertilisers and pesticides.
- d) Weeds should be removed from the main plant.
- a) Brain is also called a 'Human Computer'.
- b) Muscles are responsible for all our body movements.
- c) We can move our arms in circular motion but not our elbow.
- d) Skull acts as a helmet.

**Q7. Differentiate :**

- a) Rabi crops and Kharif crops
- b) Natural fertilizer and Chemical fertilizer
- c) Dicot seeds and Monocot seeds
- d) Voluntary and Involuntary muscles
- e) Tendons and Ligaments
- f) Sensory nerves and Motor nerves
- g) Movable joint and Immovable joints

**Q8. Answer the following questions.**

- a) Name and explain briefly the agents of Pollination.
- b) What are the different steps involved in agriculture?

- c) Name and explain briefly about any four types of joints.
- d) Explain reflex action with the help of an example and a diagram of reflex arc.

**Q9. Case study.**

**1. Read carefully and answer the following questions.**

**After reading about potato farming in school, Kia started growing potatoes at home. Initially she did not get a good crop, but she kept on trying and ultimately learnt how to grow good potatoes. She now contributes several kilograms of potatoes to her kitchen, and thus helps save money.**

- a) What are the things needed to grow a potato at home?
- b) In potatoes, new plants grow from \_\_\_\_\_.
- c) Give two examples of plants which store food in their stems.
- d) What values did Kia show ?

**Q10. Draw a well-labelled diagram to show**

- a) parts of a flower.
- b) structure of Human brain.
- c) Ribcage.
- d) Human eye