

SAMPLE PAPER
SUBJECT- Science
CLASS-V

TIME DURATION: 2 hrs

MAXIMUM MARKS:60

General Instructions :-

- 1 Attempt all questions section wise.
- 2 Two marks have been allotted for handwriting and neatness.
- 3
 - a. Section A. Q 1, 2, 3, 4, 5 & 6 are objective type, true/false, complete the statement, match the following and carry 1 mark for each sub section. Total 30 marks.
 - b. Section B. Q 7, 8 & 9 are short answer, definitions, give difference/reasons, type and carry 2 marks each. Total 16 marks.
 - c. Section C. Q 10 & 11 are long answer type and carry 3 marks each. Total 12 marks.

Section A

Q.1. Give one word answer-

(1 x 4 =4)

5. The bony framework of our body _____

6. The growth of a baby plant from a seed _____

7. The gas we breathe out _____

8. The thick outer covering of a seed _____

Q.2. Encircle the correct option-

(1 x 6 =6)

a. What type of eyes do ants have?

i) Simple eyes ii) complex eyes iii) compound eyes

b. Which animal can detect the aroma of ripening fruit from over 20 km away?

i) cats ii) elephants iii) monkeys

c. Which disease is transmitted through infected food and water?

i) malaria ii) tetanus iii) cholera

d. To which system does the brain belong?

i) Skeletal ii) nervous iii) respiratory

e. Which seed is dispersed by air?

i) maple ii) geranium iii) touch-me-not

f. Which animal can detect a drop of artificial scent diluted in a huge lake?

i) eel ii) shark iii) dolphin

Q.3. Match the following-

(1 x 4=4)

a. Insects

direct contact

b. Malaria

rat fleas

mosquitoes

antennae

Q.4. Complete the statements-

(1 x4=4)

- Birds of prey have _____
- Most bony fish have _____
- Honey bees communicate by _____
- The chest rises when _____

Q.5. Fill in the blanks-

(1 x 6=6)

- a. A _____ communicates with beeps and calls that sound like a song.
- b. _____ have taste buds on their feet.
- c. Snakes have _____ organ on the roof of their mouth for smelling and tasting.
- d. _____ vaccine is given to prevent tuberculosis.
- e. Insects have _____ blood.
- f. _____ can turn their heads 135 degrees in either direction.

Q.6. State whether the statements are true or false-

(1 x6=6)

- Ants do not have a well developed sense of taste. _____
- A male silk worm moth can sniff out a potential mate 11 km away. _____
- In some species of ants, workers can see but queens and males cannot. _____
- Seeds of drumsticks and balsam are dispersed by water. _____

- e. Snakes have a fixed stare because their eyes have movable lids. _____
- f. The _____ churns the food with digestive juices.

Section B

Q.7. Define the following terms

(2 x 2 =4)

- a. Nocturnal animals -

_____ (space) _____

- b. Digestion -

_____ (space) _____

Q.8. State two differences between-

(2 x 2 =4)

- a. Respiration and Breathing

_____ (space) _____

- b. Communicable disease and Noncommunicable disease

_____ (space) _____

Q.9. Give short answers for the following -

(2 x 4 =8)

- a. Ducks and swans dive under water to search for food. Explain how they are able to see underwater.

_____ (space) _____

b. State two functions of muscles.

_____ (space) _____

c. Blood hounds are used to track criminals or lost children. Can you explain why?

_____ (space) _____

d. How are diseases caused?

_____ (space) _____

Section C

Q.10. Answer the following questions

(3 x 3 =9)

a. What do you know about the sense organs of snakes?

_____ (space) _____

b. State three ways by which we can keep our respiratory system healthy.

_____ (space) _____

c. How do the eyes of animals function?

_____ (space) _____

Q.11. Draw color and label the following

(1.5 x 2 =3)

a. Two seeds which burst open when dry.

b. An animal which can communicate by echo location ability.