

DAV PUBLIC SCHOOLS, DELHI-NCR
MID TERM SAMPLE PAPER (2026-27)
CLASS V
SCIENCE

TIME: 2 HRS 30 MIN

MM: 60

GENERAL INSTRUCTIONS

- The question paper consists of 4 Sections- A, B, C and D.
- This question paper has 31 questions in all.
- All questions are compulsory.
- Section A consists of question number 1 to 15. These questions are of MCQs type. All carry one mark each.
- Section B consists of question number 16 to 22. These are short answer questions which carry two marks each.
- Section C consists of question number 23 to 29. These questions are also short answer questions which carry three marks each.
- Section D consists of question number 30 and 31. These are long answer questions and carry five marks each.
- There are 6 printed sheets in this question paper.
- Marks are indicated against each question.
- Reading time of 15 minutes will be provided.

SECTION – A (1mark each)

Select and write one appropriate option out of the four given options for each of the given questions.
(1X15= 15)

1. Select the statement which is incorrect about eyes.
(A) Each eyeball is placed in a bony socket in the skull.
(B) Iris is the screen on which all the images get formed.
(C) The pupil allows light to enter the eye.
(D) Eye is connected to the brain by optic nerve.
2. Identify the plant whose seeds are dispersed by cracking and bursting.
(A) Cocklebur (B) Hibiscus
(C) Thistle (D) Balsam
3. Select the human activity that is destroying the natural surroundings of animals.
(A) Reducing water pollution (B) Cutting down trees
(C) Planting trees (D) Controlling wildlife trade
4. The longest bone in the human body is present in-
(A) Forelimbs (B) Skull
(C) Hindlimbs (D) Ears

5. Select the statement which is true about anaemia.
- (A) It is a communicable disease.
 - (B) The person is unable to see in dim light.
 - (C) Haemoglobin content is less in blood
 - (D) Legs become bow shaped.
6. Riya found a beautiful pearl in a jewellery shop. Identify the animal associated with the production of natural pearls.
- (A) Prawn
 - (B) Crab
 - (C) Lobster
 - (D) Oyster
7. Neha soaked rajma seeds overnight and observed that they became swollen in the morning. Identify the tiny opening through which the water entered the seeds.
- (A) Seed Coat
 - (B) Micropyle
 - (C) Embryo
 - (D) Seed leaves
8. Fishes feel the waves produced in water by other living animals through their -
- (A) Feelers
 - (B) Lateral line
 - (C) Ears
 - (D) Eyes
9. Identify the habit that can lead to poor health.
- (A) Exercising regularly
 - (B) Eating balanced diet
 - (C) Taking proper rest
 - (D) Keeping unhygienic surroundings
10. Plants absorb water from the soil with the help of -
- (A) Stem
 - (B) Leaves
 - (C) Branches
 - (D) Roots
11. Identify the nutrient required for growth and repair of worn-out tissues.
- (A) Carbohydrates
 - (B) Proteins
 - (C) Fats
 - (D) Vitamin
12. Identify the animal that is correctly matched with its habitat.
- (A) Frog- Aquatic
 - (B) Octopus- Amphibious
 - (C) Salamander- Amphibious
 - (D) Camel- Aquatic

- 13.** During photosynthesis the raw materials get converted into food in the presence of -
- (A) Sunlight and water (B) Oxygen and chlorophyll
(C) Sunlight and chlorophyll (D) Chlorophyll and water
- 14.** The deficiency disease causing extreme weakness and paralysis of body parts is-
- (A) Rickets (B) Beri-beri
(C) Goitre (D) Night blindness
- 15.** Identify the delicacy made from unfertilised eggs of a variety of fish.
- (A) Ivory (B) Caviar
(C) Silk (D) Compost

SECTION B (2 marks each)

- 16.** Observe the picture of human vertebral column and answer the following questions. (1+1=2)

- (A) Mention the number of bones that make up the vertebral column.
- (B) Our backbone is made up of many small bones instead of one straight long bone. Explain the reason.



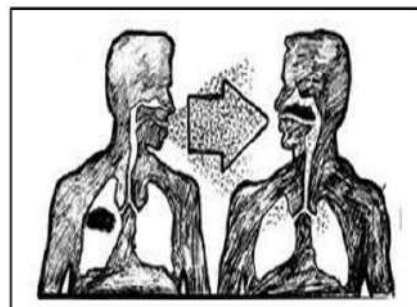
- 17.** Riya observed a plant that had sticky leaves and had trapped an insect. Her teacher told her that such plants are called insectivorous plants. (1+1=2)

- (A) Insectivorous plants feed on insects. Explain the reason.
- (B) Give two examples of insectivorous plants.

- 18.** Write two points of differences between skull and ribcage. (2)

- 19.** Communicable diseases generally spread through air, water or insects. (2)

State two precautions which should be taken to prevent communicable diseases.



20. A group of grade five students were given the project to create a rose garden in school. Their teacher suggested a method of vegetative reproduction to grow rose plants in the school garden.

(1+1=2)

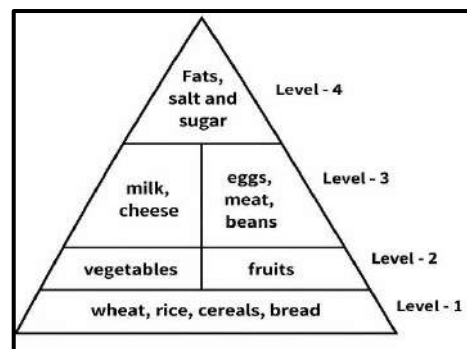
- (A) Identify the method of vegetative reproduction used to grow rose plants.
- (B) State any one importance of vegetative reproduction in plants.

21. Study the Healthy Eating Pyramid and answer the following questions.

(1+1=2)

- (A) How does a healthy eating pyramid guide our food choices?
- (B) Fat, salt and sugar are kept at the top of the pyramid.

Explain the reason.



22. Classify the following animals as Extinct or Endangered.

(0.5x4=2)

- (A) Bactrian camel
- (B) Tasmanian tiger
- (C) Golden lion
- (D) Quagga

SECTION C (3 marks each)

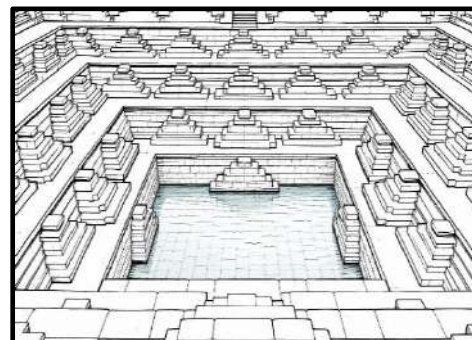
23. Identify the picture and answer the following questions.

(1+1+1=3)

- (A) Identify the method of drawing ground water.

Also, state its other name.

- (B) Describe how this method helps in drawing ground water.
- (C) State two more ways to draw ground water.



24. Neha hurt her elbow while performing a dance. The doctor advised her to take rest and do light exercises for quick recovery.

(1+1+1=3)

- (A) Name the type of joint present in the elbow.
- (B) Mention one other part of the body where this type of joint is found.
- (C) State one feature of this type of joint.



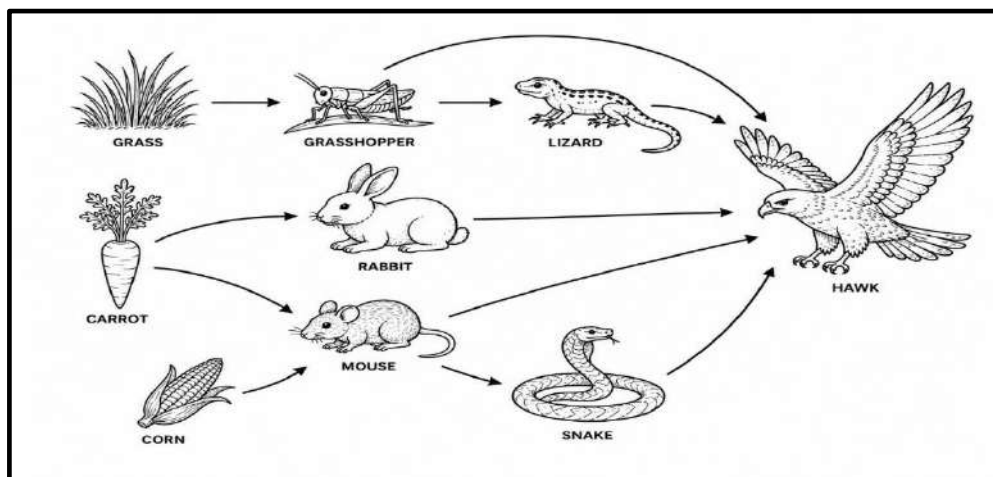
25. Complete the table

(1+1+1=3)

Name of the animal	Body Part	Product made
(A) _____	Tusks	Jewellery
Mountain Goat	Hair	(B) _____
North and South American Bears	(C) _____	Medicines

26. Observe the given food web and answer the questions.

(1+1+1=3)



(A) Define a food web.

(B) Identify the number of food chains in which the carrot acts as a producer.

(C) Write one food chain from the given food web.

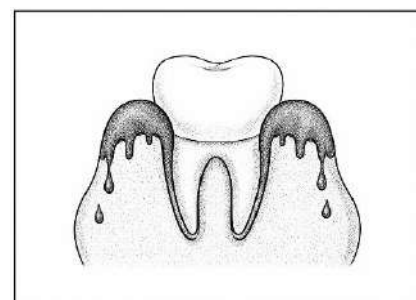
27. Avni used to avoid fruits but loved to eat junk food. Over a time, her gums became swollen and started to bleed. Her mother consulted a doctor. The doctor examined her and advised her to avoid junk food and eat fruits like oranges, amla, guava etc.

(1+1+1=3)

(A) Name the deficiency disease, Avni was suffering from.

(B) According to the doctor, which nutrient is deficient in her diet?

(C) Write one more symptom of the disease besides swollen and bleeding gums.



28. (A) State two ways in which water is important for plants.

(2+1=3)

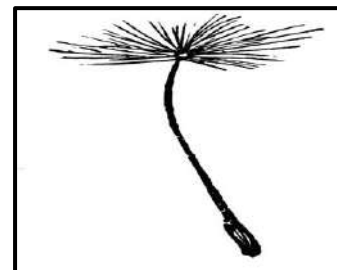
(B) Water is a habitat for many plants. Give two examples of such plants.

29. In a field trip to botanical garden some students observed the seed shown in the picture. (1+1+1=3)

(A) Identify the seed.

(B) Mention the kind of dispersal shown by this seed.

(C) Write any one feature of this seed that helps in its dispersal.



SECTION D (5 marks each)

30. (A) Define wildlife trade.

(1+1+3=5)

(B) Write the objective of wildlife protection act, 1972 enacted by Government of India.

(C) It is important for all of us to be more considerate towards animals. Suggest any three ways to prevent cruelty to animals.

31. While planting a seed in her garden, Rita observed the different stages of its growth. Look at the given diagram and answer the following questions. (1+2+1+1 =5)

(A) Name the process shown in the diagram.

(B) Mention any two conditions needed by the seed to grow into the young plant.

(C) What is the function of cotyledons during this process?

(D) Give two examples of plants with two cotyledons.

