

**SAMPLE QUESTION PAPER FOR HALF YEARLY EXAMINATION
2025-26
CLASS V
SUBJECT: GENERAL SCIENCE**

M.M-60

General Instructions:

1. The question paper consists of 5 Sections- A,B,C,D and E . There are 29 questions in the question paper. All questions are compulsory.

2. Section A consists of question number 1 to 15. These questions are of MCQs type.All carry one mark each.

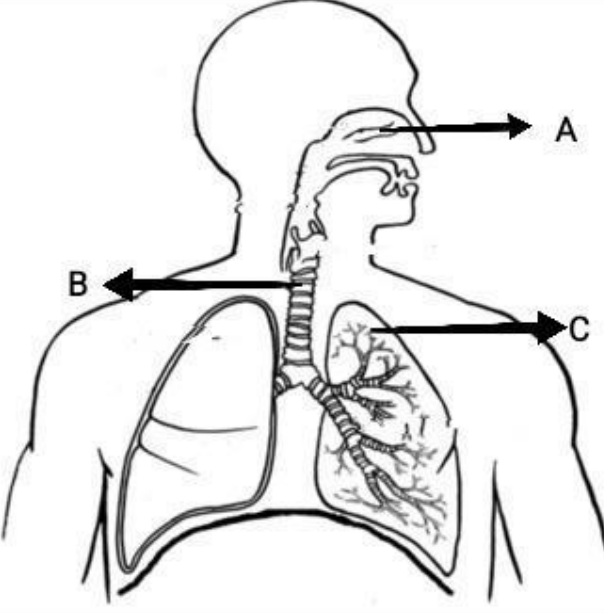
3. Section B consists of question numbers 16 to 19. These are short answer questions which carry two marks each.

4. Section C consists of question number 20 to 24. These are also short answer questions which carry three marks each.

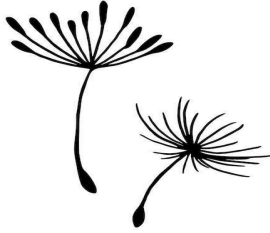
5. Section D consists of question number 25 and 26. These are long answer questions and carry five marks each.

6. Section E consists of question number 27 to 29 which are long questions of 4 marks

SECTION A

<p>1</p>	<p>Observe the given diagram carefully. The correct labeling of A, B and C is:</p>  <p>A) A- Lungs , B- Diaphragm , C- Trachea B) A- Nasal Chamber, B- Trachea, C- Diaphragm C) A- Nasal Chamber, B- Trachea , C- Lungs D) A- Trachea , B- Nasal Chamber , C- Lungs</p>	<p>1</p>
<p>2</p>	<p>The tiny pores present on leaf surface help in exchange of gases is called:</p> <p>A) Chlorophyll B) Micropyle C) Stomata D) Leaf holes</p>	<p>1</p>
<p>3</p>	<p>Complete the food chain Grass → _____ → Fox → _____</p> <p>A) Rabbit, Lion B) Rabbit, Elephant C) Horse, Lion D) Frog, Lion</p>	<p>1</p>
<p>4</p>	<p>The nutrients required for growth and repair of worn out tissues is:</p> <p>A) Carbohydrates B) Proteins C) Fats D) Vitamins and minerals</p>	<p>1</p>

5	<p>During an experiment, a group of students planted seeds in three different conditions:</p> <ol style="list-style-type: none"> 1. Seed A was planted in soil with sufficient water and sunlight. 2. Seed B was planted in soil with sufficient water but kept in a dark place. 3. Seed C was planted in dry soil with sunlight. <p>After two weeks, only Seed B germinated successfully. The conclusions drawn from this experiment is:</p> <p>A)Seeds need sunlight and dry soil to germinate.</p> <p>B)Seeds can germinate in the dark if they have enough moisture.</p> <p>C)Seeds require both water and sunlight to germinate.</p> <p>D)Seeds will not germinate without water, even if they have sunlight.</p>	1				
6	<p>The animals that are often hunted for their body parts to make medicines are:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A) Elephants and rhinoceroses</td> <td style="width: 50%;">B) Rhinoceroses and North American bears</td> </tr> <tr> <td>C) Monkeys and snakes</td> <td>D) Mountain goats and frogs</td> </tr> </table>	A) Elephants and rhinoceroses	B) Rhinoceroses and North American bears	C) Monkeys and snakes	D) Mountain goats and frogs	1
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7	<p>Wildlife Protection Act 1972 was started by Indian Government to-</p> <ol style="list-style-type: none"> A.promote deforestation B.disturb the food chains C.control poaching and illegal trade of wildlife D.decrease the number of wild animals 	1				
8	<p>The joint that provides back and forth movement of the body part is:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A)Gliding joint</td> <td style="width: 50%;">B) Hinge joint</td> </tr> <tr> <td>C) Pivot joint</td> <td>D) Ball and socket joint</td> </tr> </table>	A)Gliding joint	B) Hinge joint	C) Pivot joint	D) Ball and socket joint	1
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9	<p>The disease that can be prevented by vaccination is:</p> <ol style="list-style-type: none"> A) Anaemia B) Beri-Beri C)Rickets D)Polio 	1				

10	<p>The first part that emerges from the germinating seed is:</p> <p>A)Baby root B)Baby shoot C)Leaf D)Micropyle</p>	1
11	<p>The agents that are responsible for spreading communicable diseases are:</p> <p>A)Light and air B) Air and water C) mouth and nose D)Soil and air</p>	1
12	<p>Animals which can live both on land and in water are called:</p> <p>A) Amphibians B) Arboreal C) Terrestrial D) Mammals</p>	
13	<p>Nowadays ,it is difficult to find the sparrows chirping in the neighborhood anymore .The decrease in their number will lead to:</p> <p>A)Increase in the illegal wildlife trading B) strengthening of food web C) extinction of insect population D) increase in the insects population</p>	1
14	<p>The seed given in picture is dispersed by:</p>  <p>A) Wind B)Water C) Cracking and bursting D)Humans and animals</p>	1
15	<p>Which organ of the human body helps to maintain balance.</p> <p>a) Heart b) Ear b) Liver d) Tongue</p>	

SECTION-B

16	Explain the function of following sense organs in animals: (i) Feelers (ii) Lateral lines in fishes	1+1

17	In the village- A majority of the population was getting sick because of getting infected by water borne diseases whereas in the neighbouring village -B the cases of infection were almost negligible. What could be the possible reason for the higher number of infections in village -A ?State any two reasons.	2
18.	Identify A and B Photosynthesis is the process in which plants prepare their own food using raw materials _____A_____ and water in presence of _____B_____ and sunlight to give food and oxygen.	2
19	(i) If pivot joint and ball and socket joint exchange places in our body, what will be the changes in the ways we move our body? (ii) Bones are also alive.Justify the statement	2

SECTION-C

<p>20</p>	<p>(i)'Water plays an important role for the growth of the plant.'Support the statement with two points. (ii)Write the name of any two aquatic plants.</p>	<p>2+1</p>
<p>21</p>	<p>Observe the given food web and answer the questions:</p> <div style="text-align: center;"> </div> <p>(i)Find out any two food chains from the given picture. (ii)Identify the producers in the given food web.</p>	<p>2+1</p>
<p>22</p>	<p>Study the Healthy Eating Pyramid and answer the following questions.</p> <div style="text-align: center;"> </div> <p>(i)Why is fat kept at the top of the food pyramid? (ii)List any two food items that are eaten moderately in food pyramid</p>	<p>2+1</p>

23	<p>Ritu feels dryness in her eyes and cannot identify the colours in dim light.</p> <p>(i) Which disease might she be suffering from ? (ii) Name the deficient nutrient because of which she is suffering from this disease. (iii) Is it a communicable disease. Give reason</p>	1+1+1

24	<p>(i) If the pivot joint and ball and socket joint exchange places in our body. What will be the changes in the ways we move our body? (ii) The last two ribs in the ribcage are known as floating ribs. Give reason.</p>	1+2
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SECTION-D

25	<p>On a nature walk , Shilpi asked her teacher that in nature we find some plants that grow from seeds and some grow without seeds.</p> <p>(i) Name the method by which plants without seeds reproduce. (ii) List any two advantages of this method. (iii) State any one example of A) plant reproduce by leaf. B) plant reproduce by stem cutting</p> <p style="text-align: center;">OR</p> <p>Reema grows some pea plants in her garden. One day she observed that the pod of a pea plant suddenly splits open, scattering the seeds.</p> <p>(i) What is the mode of seed dispersal in this scenario? (ii) Name any two other plants that are dispersed by the same method. (iii) Why dispersal of seed is important for plants.</p>	1+2+2
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26 Analyse the comparative data of poaching of tigers and leopards and based on your understanding, answer the following questions. **1+2+2**

Year.	Number of Tigers Poached	Number of Leopards Poached
2017.	22	40
2018.	20	97
2019.	22	166
2020.	20	212
2021.	27	160

- 1) In which year poaching of tigers was maximum?
- 2) Mention any two reasons for illegal poaching of tigers.
- 3) State the impact of decrease in number of Tigers and Leopards on nature. Mention any two points

OR

Amita insisted her mother to give her an ivory necklace on her birthday. Her mother refused and explained that for making ivory jewellery elephants are hunted and it promotes wildlife trade.

- (i) What do you understand by the term Wildlife Trade?
- (ii) Wildlife trade affects the balance of nature drastically. Justify with two points.
- (iii) List any two items that we should discourage to buy in daily life to prevent wildlife trade

SECTION-E

27	<p>(i) Draw a diagram of Seed. Identify and label following parts</p> <p>A)the seed provides food to the baby plant.</p> <p>B)the part that protects the seed.</p> <p>(ii) State the name of the part of the seed that provides food to the baby plant.</p> <p>(iii) List one example of Monocotyledons and Dicotyledons each.</p>	1+1+2
28	<p>(i) Differentiate between Extinct and Endangered animals.State two examples each</p> <p>(ii) Complete the analogy:</p> <p style="padding-left: 40px;">Mountain goat : Pashmina::Musk Deer : _____</p> <p>(iii) The animals that carry heavy loads are called _____.</p>	2+1+1
29	<p>A residential area is experiencing high water usage, leading to concerns about future water shortages. The local government wants to implement a water conservation program to encourage residents to use water more efficiently.</p> <p>(i)How is water supplied in cities? Explain in brief.</p> <p>(ii) List any two importance of water for animals.</p>	2+2
