



INDIAN SCHOOL SALALAH



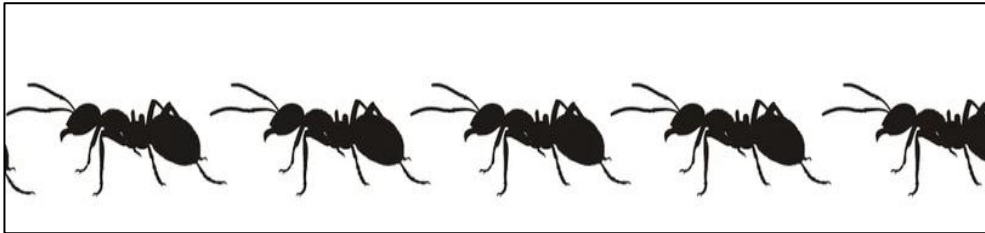
Roll No:					Assessment Type: FIRST TERM EXAMINATION SEPTEMBER - 2026
Grade: VI					
Subject: SCIENCE (086)					
Date of Assessment: 21/09/2026	Maximum Marks: 80 Time: 3 Hours				

General Instructions

- i) This question paper consists of 6 pages with 37 questions in all.
- ii) All questions are compulsory.
- iii) Questions 1 -14 in Section A are multiple choice questions. Each question carries 1 mark. You should select one most appropriate option out of the four provided.
- iv) Questions 15-24 in Section B carry 2 marks each.
- v) Questions 25-33 in Section C carry 3 marks each.
- vi) Question 34 in Section D carry 4 marks.
- vii) Questions 35 -37 in Section E carry 5 marks each.

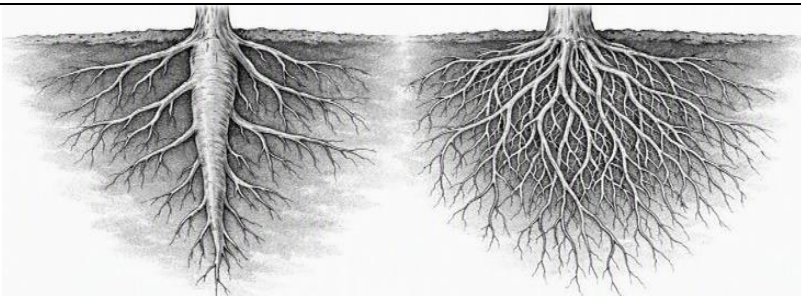
S.No	SECTION -A	Marks
1.	Which of the following is an example of creeper? A) Bitter gourd B) Money plant C) Musk melon D) Grapevine	1
2.	When a bar magnet is brought near iron dust, most of the dust sticks A) At the middle and ends B) Near two ends C) Near the middle D) Equally everywhere	1
3.	The method of arranging objects into specific groups is called: A) Opaque B) Classification C) Appearance D) Rubber	1
4.	Materials which are difficult to compress or scratch. A) Hard B) Soft C) Soluble D) Insoluble	1

5.	What type of motion does a swing exhibit? A) Linear motion B) Circular motion C) Oscillatory motion D) Irregular motion	1
6.	The presence of starch in a food sample is tested using: A) Copper sulphate B) Iodine solution C) Vinegar D) Salt solution	1
7.	The plants and animals that live on land are said to live in A) Terrestrial habitat B) Aquatic habitat C) Amphibian D) Ocean habitat	1
8.	Riya wants to find directions during a trip. Name the instrument she should use A) Bar magnet B) Magnetic compass C) Iron nail D) Steel rod	1
9.	A disease caused by the deficiency of vitamin D is: A) Nightblindness B) Beriberi C) Scurvy D) Rickets	1
10.	The standard unit of length is A) Foot B) Inch C) Metre D) Yard	1
11.	If an object is not changing its position with respect to the reference point with time, it is said to be at: A) Rest B) Motion C) Position D) Movement	1
12.	The naturally occurring magnet used by sailors in olden days was called: A) Bar magnet B) Lodestone C) Electromagnet D) Compass	1
13.	An example for shrub is A) Coriander B) Neem C) Mint D) Rose plant	1
14.	Maya fills a measuring cylinder with water and records the amount of space occupied by the water. What is she measuring? A) Mass B) Length C) Volume D) Temperature	1
	SECTION B	
15.	During a nature walk, Anu found two seeds. Seed A had two cotyledons, while seed B had only one cotyledon. A) Identify which seed is a monocot and which is a dicot. B) Give one example of each.	2
16.	Rohan often eats junk food and avoids fruits and vegetables. He has started having bleeding gums. Which vitamin deficiency may be causing this problem? Name the deficiency disease.	2

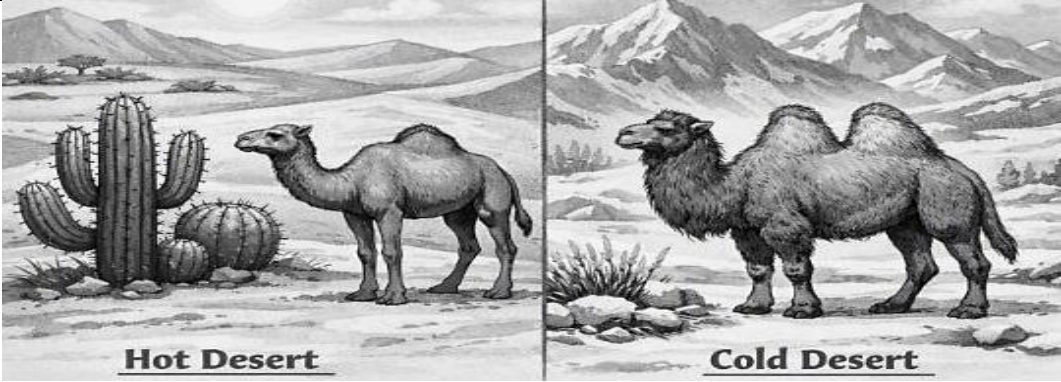
17.	What are lustrous and non – lustrous materials? Give one example for each.	2
18.	Earlier, people used a stone grinder to make chutney or spice pastes. Today, many families use an electric mixer for the same purpose. Give any two advantages of using modern methods of food preparation over traditional methods.	2
19.	 Observe the picture and answer the following: A) What type of motion is shown by the moving ant? B) Give one reason for your answer.	2
20.	A student collects the following objects: an iron nail, a plastic bottle, a wooden ruler, and a steel spoon. A) Which two objects are non-magnetic materials? B) How can you identify a non-magnetic material using a magnet?	2
21.	Ravi and his friend used their handspans, an ancient method of measurement, to find the length of a table. They got different results for the same table. Write any two disadvantages of ancient methods of measurement.	2
22.	Meera adds sugar to water, while her friend adds sand. Sugar dissolves in water, but sand settles at the bottom. Based on their solubility in water, classify the two substances and differentiate between them.	2
23.	Draw neat diagrams of leaves showing reticulate and parallel venation.	2
24.	State whether the following statements are True or False. i. A magnet can be broken into pieces to obtain a single pole. ii. Heat can destroy the magnetic properties of a magnet. iii. Magnets attract or get attracted towards non-magnetic materials. iv. Nickel and cobalt are magnetic materials.	2

SECTION C

	SECTION C																									
25.	As the population grows and people seek more comfortable lives, forests are being cut down to meet various needs. Write any three impacts of deforestation.	3																								
26.	The table below shows the nutrients present in some foods. Study it and answer the questions. <table><tr><th>Food item</th><th>Carbohydrates</th><th>Proteins</th><th>Vitamins & Minerals</th></tr><tr><td>Apple</td><td>High</td><td>Low</td><td>High</td></tr><tr><td>Carrot</td><td>Low</td><td>Low</td><td>High</td></tr><tr><td>Egg</td><td>Low</td><td>High</td><td>Moderate</td></tr><tr><td>Chips</td><td>High</td><td>Low</td><td>Low</td></tr><tr><td>Burger</td><td>High</td><td>Moderate</td><td>Low</td></tr></table> A) Identify the food item that is the richest source of protein. B) Name any two food items that are good sources of vitamins and minerals. C) Why should chips and burgers be eaten in limited amounts? Give one reason.	Food item	Carbohydrates	Proteins	Vitamins & Minerals	Apple	High	Low	High	Carrot	Low	Low	High	Egg	Low	High	Moderate	Chips	High	Low	Low	Burger	High	Moderate	Low	3
Food item	Carbohydrates	Proteins	Vitamins & Minerals																							
Apple	High	Low	High																							
Carrot	Low	Low	High																							
Egg	Low	High	Moderate																							
Chips	High	Low	Low																							
Burger	High	Moderate	Low																							
27.	During a science activity, Tara measured the length of a pencil using a ruler. She did not place the pencil at the zero mark and looked at the ruler from the side. List three precautions Tara should take to measure the length of the pencil correctly.	3																								
28.	Differentiate between transparent and translucent materials. Give one example of each.	3																								
29.	A student hangs a bar magnet freely with a thread. After some time, it comes to rest in a particular direction. A) What does this observation tell us about a property of magnets? B) Write any two other properties of magnets.	3																								
30.	During a food-testing activity, Suma wants to find out whether a given food sample contains protein. How can she test the food sample for protein?	3																								

31.	While arranging the science laboratory, Ali finds that some magnets have become weak after being stored carelessly. How should a bar magnet be stored properly? Mention any three ways in which magnets may lose their magnetic properties.	3
32.	During a visit to a supermarket, Hari noticed the following items: glass jar, wooden box, cardboard carton, butter paper, aluminium sheet, story book and transparent bottle. A) From the objects listed, identify the opaque objects. B) Define opaque objects.	3
33.	 Group A Group B The class was shown a picture of two different root systems. Group A studied the root system on the left side of the picture, and Group B studied the root system on the right side. A) Identify the two types of roots shown in the picture. B) Write any two differences between them.	3
SECTION D		
34.	At the annual school exhibition, students prepared models to showcase concepts of measurement. One group decided to demonstrate how curved objects can be measured accurately. In the science corner, the notice board was decorated with a curved ribbon border. The teacher asked the students to measure the length of the ribbon used. The students tried using a ruler but found it difficult because the ribbon was curved. <u>Based on the above observation answer the questions given below:</u> A) Name the instrument/method used to measure the curved ribbon. B) Describe the steps of measuring the curved ribbon. C) Why is it difficult to measure a curved ribbon using a ruler? D) If the measured length of the ribbon is 4 m, convert it into centimetres.	4

SECTION E

35.	Meenu usually eats rice, chips and sweets and avoids vegetables and fruits. Her mother notices that she often feels weak and has difficulty passing stools. The doctor advises her to include a variety of foods in her meals, along with millets and other nutri - cereals. A) What is a balanced diet? B) Which component of food helps to prevent constipation? C) Give a reason why millets are considered nutri-cereals. D) Suggest any two changes Meenu should make to her daily diet to stay healthy.	5
36.	Ravi brings two magnets close to each other and observes that they behave differently in two situations. A) Draw and neatly label two diagrams to show the different behaviours of the magnets. B) Explain briefly how the arrangement of the poles causes the magnets to behave differently in each case. C) Mention any two uses of magnets in daily life.	5
37.	 A) What difference do you notice in the legs and body covering of camels living in hot and cold deserts? B) Why does the cactus have thick stems and spines instead of leaves? C) What type of dung and urine do camels excrete to survive in deserts? D) Define the term habitat.	5
