

Directorate of Education, GNCT of Delhi
Mid Term Examination Practice Paper (Session: 2026-27)
Class: VI ; Subject: SCIENCE (086)

Duration: 2.30 hours

Maximum Marks: 60

General Instructions:

1. All questions are compulsory.
2. This question paper consist Section A, B, C, D and E. Marks are indicated against each question.
3. Section A (Q.No.1,I-XII) consists of multiple choice questions.
4. Section B (Q.No.2-5) consists of very short answers questions of 2 marks each.
5. Section C (Q.No.6-8) consists of short answer questions of 3 marks each.
6. Section D (Q.No.9-11) consists of long answer questions of 5 marks each.
7. Section E (Q.No.12-15) consists of case based or source based questions having three subparts each.
8. There is no overall choice. However, internal choice is given in some of the questions. Only one of the choices in such questions has to be attempted.

Section A		
Q.No.	Question	Marks
1.	From Question I-XII , choose the correct option.	
I	Riya observed a crow, a squirrel and a butterfly in her school garden. Which feature helps her identify all of them as living creatures? A) They have different colours. B) They can move on their own. C) They are found outdoors only. D) They are small in size.	1
II	Which of the following is a habitat for a frog? A) Desert B) Pond C) Mountain peak D) Snowfield	1
III	A <i>sadabahar</i> plant has A) a taproot and its leaves have reticulate venation B) a taproot and its leaves have parallel venation C) a fibrous root and its leaves have reticulate venation D) a fibrous root and its leaves have parallel venation	1
IV	Which of the following is a healthy snack ? A) Chips B) Soft drink C) Fruit salad D) Noodles	1
V	Which of the following materials is attracted by a magnet? A) Plastic B) Iron nail C) Rubber D) Wood	1

VI	When a freely suspended magnet comes to rest, it points in the: A) East-West direction B) North-South direction C) Up-Down direction D) Any random direction	1
VII	Rahul wants to measure the length of her notebook accurately. Which instrument should she use? A) Thread B) Scale C) Hand span D) Weighing balance	1
VIII	From the following materials, which one is insoluble in water? A) Sugar B) Salt C) Chalk powder D) Glucose	1
IX	Any object (when their volumes are equal), which is heavier or lighter can be measured in terms of a property called- A) Hardness B) Matter C) Mass D) Space	1
X	Which of the following materials can absorb water? A) Plastic B) Glass C) Cotton D) Steel	1
XI	Which of the following is a renewable natural resource? A) Coal B) Petroleum C) Sunlight D) Natural gas	1
XII	Farmers add compost to fields mainly to: A) Increase soil fertility B) Change soil colour C) Decrease soil fertility D) Increase water content	1
Section B		
2.	<u>Attempt either (A) or (B).</u> A. Name one plant that has - i. soft and thin stem and ii. hard and thin stem. OR B. Write one difference between climbers and creepers.	2
3.	Why should we drink enough water every day? Suggest any two points.	2
4.	<u>Attempt either (A) or (B).</u> A. What is a magnet? Name the two poles of a magnet. OR B. The magnets have many uses in daily life. Give two	2

	examples.									
5.	What are magnetic and Non magnetic materials? Explain with one example each.	2								
Section C										
6.	<u>Attempt either (A) or (B)</u> A. During a class activity, students compared homemade food and packaged snacks. Which one is generally healthier and why? OR B. Mohan eats fruits and vegetables every day. How do these foods help him? Name one food item rich in Iron.	3								
7.	What are natural resources? Name one activity that helps in conserving water at home.	3								
8.	<u>Attempt either (A) or (B)</u> A. Classify the following materials into lustrous and non-lustrous: Iron, Copper, Paper, Wood, Rubber, Gold OR B. Give one example of each of transparent, translucent and opaque objects ?	3								
Section D										
9.	Complete the given sentences (Choose from the options given) i. Birds have _____ that help them to fly. (lungs/wings) ii. A camel is adapted to live in the _____. (mountains/desert) iii. Fish breathe in water with the help of _____.(fins/gills) iv. A place where an organism lives is called its _____. (habitat/shelter) v. The thick stem of a cactus helps it store _____. (air/ water)	5								
10.	Match the Columns <table><tr><td>Column A</td><td>Column B</td></tr><tr><td>1. Distance between Delhi and Mumbai</td><td>a. centimetre</td></tr><tr><td>2. Thickness of a coin</td><td>b. kilometre</td></tr><tr><td>3. Not a standard unit</td><td>c. metre</td></tr></table>	Column A	Column B	1. Distance between Delhi and Mumbai	a. centimetre	2. Thickness of a coin	b. kilometre	3. Not a standard unit	c. metre	5
Column A	Column B									
1. Distance between Delhi and Mumbai	a. centimetre									
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		4. Length of an eraser	d. millimetre		
		5. Length of school Ground	e. hand span		
11.	<u>Attempt either (I) or (II)</u> (I). a) Ravi's family carries cloth bags while shopping. How does this help nature? b) Why should we protect forests? State any two points. 				

	(b) State whether True /False- The motion of a cart moving on a straight road is an example of linear motion. <u>Attempt either (c) or (d).</u> (c)State when an object is said to be in motion? OR (d)Define circular motion by giving suitable example from the given passage.											
15.	During a science activity, students collected different objects and grouped them according to the materials used to make them. <table border="1"><tr><td>Object</td><td>Material</td></tr><tr><td>Spoon</td><td>Steel</td></tr><tr><td>Eraser</td><td>Rubber</td></tr><tr><td>Table</td><td>Wood</td></tr><tr><td>Bottle</td><td>Plastic</td></tr></table> (a) Which object from the list is made of rubber? (b) Name the material used to make the spoon. <u>Attempt either (c) or (d).</u> (c)Why do we group objects according to the materials used to make them? Give two reasons. OR (d)From the given passage, identify two objects which are made of manmade materials.	Object	Material	Spoon	Steel	Eraser	Rubber	Table	Wood	Bottle	Plastic	4
Object	Material											
Spoon	Steel											
Eraser	Rubber											
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