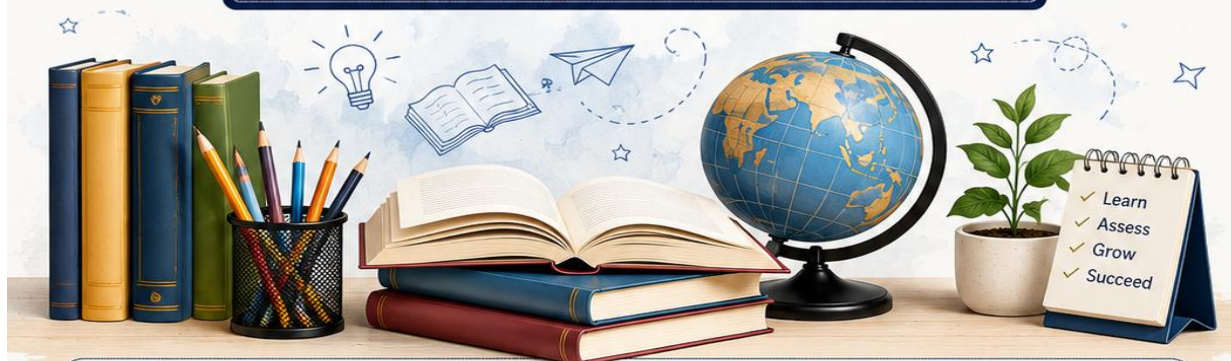


Goa State Council of Educational Research and Training (GSCERT)

Porvorim, Goa

SUMMATIVE EVALUATION 2026-27

SAMPLE QUESTION PAPER



MARKS



TIME



TOTAL SECTIONS



TOTAL QUESTIONS



INSTRUCTIONS

CONTENTS

Sr. No.	Particulars	Page No.
1	 Blue Print	_____
2	 Question Paper	_____
3	 Answer Key	_____



Prepared by
ASSESSMENT CELL
Goa State Council of Educational
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Porvorim, Goa

A competency-based assessment aligned
with NEP 2020 and the State Curriculum Framework.

SUMMATIVE EVALUATION -I

2026-27

SAMPLE QUESTION PAPER

Grade: 6

Subject Code: 6SCIENG

Duration: 120 Minutes

Subject: SCIENCE

Marks: 50 Marks

No. of Questions: 32

1. Weightage to Content :

Chapter	Marks
1. The Wonderful World of Science	-----
2. Diversity in the Living World	11
3. Mindful Eating: A Path to a Healthy Body	12
4. Exploring Magnets	8
5. Measurement of Length and Motion	9
6. Materials Around Us.	10
Total	50

2. Weightage to the cognitive level as per Revised Bloom's Taxonomy

Bloom's level	Marks	Percentage
Remember	7	14 %
Understand	10	20 %
Apply	10	20 %
Analyze	10	20 %
Evaluate	8	16 %
Create	5	10 %
Total	50	100 %

3. Weightage to the difficulty level

Difficulty level	Marks	Percentage
Easy	17	34 %
Average	20	40 %
Difficult	13	26 %
Total	50	100

4. Weightage to the question form

Question Form	Marks	Percentage	Suggested item
MCQ/VSA	20 (20×1)	40 %	Multiple-choice questions.
SA	12 (6×2)	24 %	Brief explanation, steps, inference or reason.
LA	18 (6×3)	36 %	Case, passage, problem, data, judgment or creation.
Total	50	100 %	

5. Weightage to the assessment style

Assessment style	Marks	Percentage	Requirement
Competitive-style competency-based	20	40 %	All items should be mapped to CG/Competency and unfamiliar, integrative or high discrimination formats should be used.
Regular competency-based	30	60 %	All items should be application-oriented, age-appropriate and mapped to the assessed competency.
Total	50	100 %	

SUMMATIVE EVALUATION-I

2026-2027

SAMPLE QUESTION PAPER

GRADE: 6 - ENGLISH MEDIUM

MARKS: 50

SUBJECT CODE: 6SCIENG

SUBJECT : SCIENCE

DURATION: 120 MINUTES

General Instructions:

1. All questions are compulsory.
 2. The question paper contains 32 questions.
 3. Question 1 to 20 are MCQ questions of 1 mark each and are to be marked on the OMR sheet provided.
 4. Question 21 to 26 are short answer questions of 2 marks each.
 5. Question 27 to 32 are long answer questions of 3 marks each.
-

Choose the correct alternatives from the options provided below and mark your responses in the OMR sheet provided to you. (20 × 1 = 20 Marks)

1. The material that has shiny appearance is _____.
 - A. paper
 - B. wood
 - C. rubber
 - D. gold
2. The type of plant which has a weak stem and needs support to grow upward is a _____.
 - A. tree
 - B. creeper
 - C. climber
 - D. herb

3. The habitat in which the fish can survive is _____.
- A. forest
 - B. pond
 - C. mountain
 - D. desert
4. 'Goond' used in making Ladoo's is an edible _____.
- A. gum
 - B. nut
 - C. seed
 - D. oil
5. The magnetic materials from the following is _____.
- A. gold
 - B. nickel
 - C. aluminum
 - D. plastic
6. When an object moves along a straight line, its motion is called _____.
- A. linear motion.
 - B. circular motion.
 - C. oscillatory motion
 - D rectilinear motion.
7. The standard unit used for measurement of length is _____.
- A. angula
 - B. footstep
 - C. handspan
 - D. metre
8. The combination of features that can be observed in grass is _____.
- A. parallel venation and fibrous root.
 - B. parallel venation and tap root.
 - C. reticulate venation and fibrous root
 - D reticulate venation and tap root.

9. Camels found in cold deserts have two humps which help them to _____.
A. survive for many days without water
B. walk easily on mountainous region
C. Survive during scarcity of food
D. survive is cold winters
10. In India millions of children receive “Mid-Day” Meal to _____.
A. improve physical health
B. provide quality learning
C. provide balanced food.
D. improve children safety
11. A school is planning a healthy lunch menu for students. The grain that would be the best choice to increase the nutritional value of the meal is _____.
A. rice
B wheat
C. maize
D. jowar
12. A child rarely eats carrots, papaya and green leafy vegetables. The child often has dry eyes and difficulty seeing in dim light. These symptoms may be due to a deficiency of _____.
A. Iodine
B. Vitamin B1
C. Iron
D. Vitamin A
13. A magnet is broken into 3 pieces. Number of North poles and South poles are _____.
A. 1 North pole and 1 South pole.
B. 2 North poles and 2 South poles.
C. 3 North poles and 3 South poles
D. 6 North poles and 6 South poles

14. Riya places a magnet on different parts of a refrigerator. The part on which the magnet sticks firmly is _____.
- A. Plastic handle
 - B. Glass shelf
 - C. Metal door
 - D. Rubber seal
15. A P.E. teacher is marking 100 metre running track. Analyse the situation and help him choose the correct measuring tool _____.
- A. compass ruler
 - B. measuring tape
 - C. metal measuring rod
 - D. tailors' tape
16. A student observes different types of motion in everyday life. The activity that demonstrates circular motion is a_____.
- A. child pulling a suitcase in a straight line
 - B. potter's wheel spinning while making a pot
 - C. pendulum moving to and fro
 - D. lift moving upwards
17. The waste material that can be collected by recyclers and converted into useful products is_____.
- A. thermocol
 - B. broken tiles
 - C. plastic
 - D. wood
18. Rohan adds one spoonful of mud to Beaker A and one spoonful of salt to Beaker B, each containing the same amount of water. After stirring both beakers, the observation which best demonstrates the property of solubility is _____
- A. Mud dissolves completely, while salt settles at the bottom.
 - B. Salt dissolves completely, while mud remains undissolved.
 - C. Both mud and salt dissolve completely.
 - D. Neither mud nor salt dissolves.

19. A pair of materials through, which we can see but not clearly is _____.
- A. glass and wood
 - B. frosted glass and butter paper.
 - C. Steel and clear plastic.
 - D. water and aluminium.
20. A student observes four objects. One object retains its own shape and volume regardless of the container or surroundings. The object which the student observed is _____
- A. Water in a glass
 - B. Air in a balloon
 - C. A wooden chair
 - D. Cooking oil

Answer the following questions:

(6×2=12Marks)

21. A marathon runner drinks glucose water during and after the race.

State the reason why a marathon runner drinks glucose water during the race and name two more sources which can provide us similar nutrient.

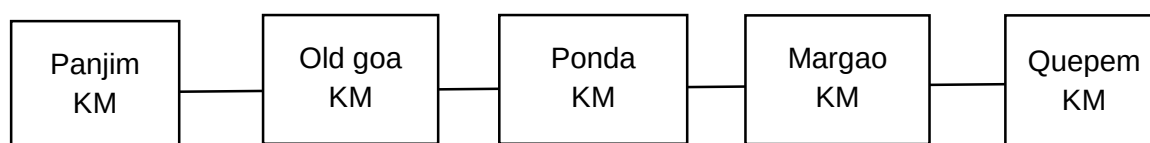
22. Sacred groves are community protected treasures of biodiversity.

If you are a member of local community

Write two ways to conserve sacred groves in your region.

23. Study the given route map and answer the following questions.

Rahul starts his journey from Old Goa and travels to Quepem.



Panjim -- 10 km-- - Old Goa —18 km -- Ponda —22 km— Margao --15 km— Quepem

Identify Rahul's reference point for measuring the journey and calculate the total distance travelled by Rahul.

24. A student pours two liquids into separate beakers of water. Liquid A dissolves completely in water, whereas Liquid B does not dissolve. The mixtures are stirred well and left undisturbed for some time.

What difference will the student observe in the two beakers after the mixtures are allowed to settle? Also name any two substances available in your kitchen that dissolve completely in water

25. A school is organising a "Bird Conservation Day" programme to create awareness among students.

Write any one work documented by Dr. Salim Ali and name one protected area in Goa that helps conserve birds.

26. Reshma rolled a bar magnet over a heap of steel U- clips.

Which part of the bar magnet attracts the most clips and what does this observation tell you about the magnetic force of bar magnet?

Answer the following questions.

(6x3=18Marks)

27. Maya talks about seeing plants with beautiful bright flowers "Rhododendrons" in the Shola forest of Nilgiris.

- A. Why do Rhododendrons growing in Shola Forest have smaller leaves?
- B. What advantage do bright colour flowers give to Rhododendrons?
- C. How will Rhododendrons adapt itself to survive in hot desert?

28. Given below are different types of balls used for various purposes



A tennis ball, cricket ball and hand exercise ball are dropped from the same height and their bouncing heights are recorded

- A. Arrange the balls in increasing order of their bounce
- B. State one reason why children prefer tennis ball to play cricket.
- C. Name one factors on which choice of material to make an object depend?

29. 'You are a nutritionist for a day'

- A. Design and draw a meal plate that contains all the components of a balanced diet and label each food item.
- B. Identify and write 2 food items from your plate that will provide dietary fibres or roughage.

30. A student measures the length of an answer sheet and finds it to be 32 cm.

Based on this information, answer the following questions:

- A. Convert and write the length in millimeters.
- B. Which traditional method you can use to measure the same length.
- C. Write the unit of measurement used to measure the distance between the two cities in India.

31. A science club is preparing an exhibit on magnets.

- A. What were naturally occurring magnets called in ancient times?
- B. Write any two shapes of Magnet.
- C. Mention any one use of magnetic compass needle.

32. Create a poster along with a slogan encouraging children to consume calcium - rich foods and maintain adequate Vitamin D in their daily diet.

THE END

SUGGESTIVE ANSWER KEY

1	D- Gold	1
2	C- Climber	1
3	B – Pond	1
4	A- Gum	1
5	B- nickel	1
6	D – rectilinear motion	1
7	D- Metre	1
8	A – Parallel venation and fibrous root	1
9	C- survive during scarcity of food	1
10	C- provide balanced food	1
11	D- jowar	1
12	D- vitamin A	1
13	C - 3 North poles and 3 South poles	1
14	C – metal door	1
15	B – measuring tape	1
16	B- potters wheel spinning while making a pot	1
17	C – plastic	1
18	B – salt dissolves completely, while mud remains undissolved	1
19	B – butter paper, frosted glass	1
20	C – wooden chair	1
21	Instant energy/ energy for running Wheat, maize, sweet potato (any two correct sources of Carbohydrates)	1 1
22	No hunting or killing the animals No cutting tress or harming any plants and animals in that region. (Any other correct answer)	1 1
23	55km (No mark if unit is not mentioned) Old Goa	1 1
24	“A” dissolves (soluble) in water. “B” is insoluble and forms a separate layer. Salt/ sugar/ lime juice/ Rasna powder. (Any suitable valid answer)	1 1
25	Prepared the list of birds/ documented birds travel routes and habitat/ recorded the regions with high diversity of birds/ wrote a landmark series of 10 books on birds of the Indian sub-continent. (Any other correct valid answer) Dr. Salim Ali Birds Sanctuary in Chorao/ Carambolim Lake	1 1
26	Poles of the magnet. Magnetic force of a magnet is maximum/ strongest at the poles.	1 1

27	A. Rhododendrons growing in the shola forest have smaller leaves to survive through heavy winds on mountain tops.	1
	B. Bright colour of Rhododendrons attracts birds and insects that helps in pollination	1
	C. Adaptation of Rhododendron – (any suitable correct answer – adaptation of desert habitat)	1
28	A. Hand exercise ball, Cricket ball, Tennis ball (Same order)	1
	B. It is safer / It is lighter / It bounces well /It is less likely to damage property / It is affordable and easily available. (Any suitable correct answer)	1
	C. Factors on which the choice of material to make an object depend- on its properties/ Purpose for which the object is to be used.	1
29	A. Drawing of the plate.	1
	Labelled food items at least 4	1
	B. Vegetable/ Salad/Fruit	1
30	A. 320 mm (with units)	1
	B. Angula/ Handspan/ foot step. (Any suitable correct answer)	1
	C. Km	1
31	A. Lodestone	1
	B. Bar magnet/ U shaped magnet/ Ring magnet..... (Any two correct answer)	1
	C. Travelers (Sailors) use for finding directions.	1
32	Poster – catchy health message	1
	Sources of calcium	1
	Sources of vit.D	1