



# B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

ANNUAL EXAM (2025-26)  
SCIENCE (SET II)

Class: VI

Time: 3 hours

Date: 14/03/'26

Max Marks: 80

## General Instructions:

- (i) This question paper consists of 39 questions in 5 sections.
- (ii) All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- (iii) **Section A** consists of 20 objective type questions carrying 1 mark each.
- (iv) **Section B** consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- (v) **Section C** consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- (vi) **Section D** consists of 3 source-based/case-based units of assessment of 04 marks each with sub-parts.
- (vii) **Section E** consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words

## SECTION- A

1. Science helps us to
  - a) cook food
  - b) understand nature
  - c) play games
  - d) draw pictures
2. Which of the following is attracted by a magnet?
  - a) Wood
  - b) Plastic
  - c) Iron
  - d) Glass
3. The ends of a magnet are called
  - a) faces
  - b) poles
  - c) edges
  - d) centres
4. Which instrument is used to measure temperature?
  - a) Barometer
  - b) Thermometer
  - c) Hygrometer
  - d) Anemometer
5. Which of the following is the main source of water on Earth?
  - a) Rivers
  - b) Lakes
  - c) Rain
  - d) Wells
6. Change of water into vapour is called
  - a) condensation
  - b) freezing
  - c) evaporation
  - d) melting
7. Which method is used to separate husk from grain?
  - a) Sieving
  - b) Filtration
  - c) Winnowing
  - d) Sedimentation
8. Which of the following is a living thing?
  - a) Stone
  - b) Chair
  - c) Dog
  - d) Table
9. Which of the following is a living organism?
  - a) Rock
  - b) Chair
  - c) Plant
  - d) Pencil
10. Living organisms respond to
  - a) colour
  - b) stimuli
  - c) sound only
  - d) temperature only
11. Coal and petroleum are examples of
  - a) renewable resources
  - b) natural fibres
  - c) fossil fuels
  - d) metals
12. Which is a renewable natural resource?
  - a) Coal
  - b) Petroleum
  - c) Natural gas
  - d) Water

13. Which of the following is a natural resource?  
a) Plastic                      b) Iron chair                      c) Water                      d) Brick
14. The Sun is the main source of  
a) food                      b) light and heat                      c) water                      d) air
15. The moon has  
a) its own light                      b) no gravity                      c) no atmosphere                      d) plants
16. Which planet is known as the Red Planet?  
a) Earth                      b) Venus                      c) Mars                      d) Jupiter

The following question consists of two statements – **Assertion (A)** and **Reason (R)**. Answer these questions by selecting the appropriate option given below:

- a) Both A and R are true, and R is the correct explanation of A.  
b) Both A and R are true, and R is not the correct explanation of A.  
c) A is true but R is false.  
d) A is false but R is true.
17. **Assertion (A):** Like poles of a magnet repel each other.  
**Reason (R):** Repulsion is the sure test to identify a magnet.
18. **Assertion (A):** Evaporation causes cooling.  
**Reason (R):** During evaporation, water absorbs heat from the surroundings.
19. **Assertion (A):** The normal temperature of the human body is about 37°C.  
**Reason (R):** A clinical thermometer is used to measure body temperature.
20. **Assertion (A):** The Moon does not have its own light.  
**Reason (R):** The Moon reflects sunlight.

#### **SECTION- B**

21. Define science.  
22. Name any two magnetic materials.  
23. What is condensation? Where do you see it in daily life?  
OR  
Define the water cycle.  
24. Mention any two methods of separation.  
25. Write any two characteristics of living organisms.  
26. What are natural resources?

#### **SECTION- C**

27. What is evaporation? Write any two factors that affect evaporation.  
28. Write any three properties of magnets.  
OR  
Explain the method of making a magnet using the stroking method.  
29. Describe the working of a clinical thermometer.  
30. Differentiate between evaporation and boiling (any three points).  
31. Differentiate between living and non-living things (any three points).  
32. Write three ways to conserve natural resources.  
33. What are celestial objects? Name any two examples.

#### **SECTION- D**

34. Read the following and answer the questions-

4

Riya was curious about the things around her. She observed that some objects float in water while others sink. She also noticed that magnets attract iron objects and that plants need sunlight to grow. Her teacher explained that science helps us understand natural phenomena through observation and experimentation.

**Questions:**

- a) Name one natural phenomenon mentioned in the passage. 1
- b) Which object mentioned in the passage shows magnetic property? 1
- c) Explain why some objects float while others sink in water. 2

OR

- c) How do observation and experimentation help in learning science? Explain any two points. 2

34. Read the following and answer the questions-

Rahul was feeling unwell, so his mother measured his body temperature using a clinical thermometer. The thermometer showed 38°C. Later, Rahul observed that when a metal spoon was placed in hot water, it became hot after some time.

**Questions:**

- a) Which instrument is used to measure body temperature? 1
- b) Is 38°C the normal temperature of the human body? 1
- c) Why does the metal spoon become hot when kept in hot water? Explain. 2

OR

- c) Why is a clinical thermometer suitable for measuring human body temperature? Write any two reasons. 2

35. Read the following and answer the questions-

Anita observed the sky at night and noticed many stars shining. She also saw the Moon changing its shape every night. Her teacher explained that the Moon reflects sunlight and revolves around the Earth.

**Questions:**

- a) What do we call the changing shapes of the Moon? 1
- b) Does the Moon have its own light? 1
- c) Explain why the Moon appears in different shapes on different nights. 2

OR

- c) Differentiate between stars and planets on the basis of light and appearance (any two points).

**SECTION-E**

37. Explain the water cycle with the help of a neat, labelled diagram.

OR

Why is water called a precious resource? Explain any five reasons.

38. Explain any five methods of separation used in everyday life with suitable examples.

OR

Describe the process of separating salt from seawater step by step.

39. What are living organisms? Explain any five characteristics of living things.

OR

Differentiate between living and non-living things on the basis of growth, respiration, reproduction, response to stimuli, and movement.

\*\*\*\*\*ALL THE BEST\*\*\*\*\*