



# B.K. BIRLA CENTRE FOR EDUCATION

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

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

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) imagine stories
  - b) understand nature
  - c) draw pictures
  - d) learn languages
2. Which of the following is a natural magnet?
  - a) Iron rod
  - b) Bar magnet
  - c) Lodestone
  - d) Steel pin
3. The instrument used to measure temperature is
  - a) Barometer
  - b) Thermometer
  - c) Hygrometer
  - d) Anemometer
4. The boiling point of water is
  - a) 0°C
  - b) 50°C
  - c) 100°C
  - d) 212°C
5. Which method is used to separate sand from water?
  - a) Evaporation
  - b) Filtration
  - c) Condensation
  - d) Freezing
6. Living organisms need \_\_\_\_\_ to survive.
  - a) air
  - b) water
  - c) food
  - d) all of these
7. Which of the following is a characteristic of living beings?
  - a) Growth
  - b) Rusting
  - c) Melting
  - d) Freezing
8. Coal and petroleum are called
  - a) renewable resources
  - b) inexhaustible resources
  - c) fossil fuels
  - d) minerals
9. Which gas is essential for breathing?
  - a) Carbon dioxide
  - b) Nitrogen
  - c) Oxygen
  - d) Hydrogen
10. The Earth is a part of the
  - a) galaxy
  - b) constellation
  - c) solar system
  - d) universe
11. Which planet is known as the Red Planet?
  - a) Venus
  - b) Mars
  - c) Jupiter
  - d) Saturn

12. Evaporation is faster when  
a) air is still      b) temperature is low      c) surface area is large      d) humidity is high
13. Which material is attracted by a magnet?  
a) Plastic      b) Wood      c) Iron      d) Glass
14. Living organisms respond to  
a) heat      b) stimuli      c) gravity      d) pressure
15. Which of the following is an exhaustible natural resource?  
a) Air      b) Water      c) Sunlight      d) Coal
16. The Moon has  
a) its own light      b) no gravity      c) no atmosphere      d) many rings

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):** Iron filings stick to a magnet.

**Reason (R):** Iron is a magnetic material.

18. **Assertion (A):** Water is essential for life.

**Reason (R):** Water helps in digestion and transportation in living beings.

19. **Assertion (A):** Mercury is used in thermometers.

**Reason (R):** Mercury expands on heating.

20. **Assertion (A):** The Moon is a planet.

**Reason (R):** It revolves around the Earth.

### **SECTION- B**

21. Define science. Write any one area where science is useful in daily life.  
22. What is a magnet? Name any two magnetic materials.  
23. Write any two uses of water.

OR

Define condensation.

24. What is filtration? Give one example.  
25. What is meant by a living organism? Write any one characteristic of living beings.  
26. What are natural resources? Give two examples.

### **SECTION- C**

27. Explain the three states of water.  
28. Describe the method of evaporation with an example.  
29. Write three differences between living and non-living things.  
30. Explain how a thermometer is used to measure body temperature.  
31. What are renewable and non-renewable resources? Give examples.  
32. Name the planets of the solar system in order.  
33. Explain any three uses of magnets.

OR

What is a magnet? Write any two properties of magnets.

### **SECTION- D**

34. Read the following and answer the questions-

4

Riya noticed that when her mother cooks food, the vegetables become soft and their taste changes. She also observed that milk turns into curd when kept overnight in a warm place. Her teacher explained that science helps us understand these changes.

**Questions:**

1. Name the type of change that occurs when milk turns into curd. 1
  2. Write one example from daily life where science makes work easier. 1
  3. Why does temperature play an important role in making curd? 2
- OR
3. How does science help us improve food preservation? 2

35. Read the following and answer the questions-

4

Rahul had a fever, so his mother used a digital thermometer. The thermometer showed a reading of  $39^{\circ}\text{C}$ .

**Questions:**

1. What does temperature indicate? 1
  2. Is  $39^{\circ}\text{C}$  a normal body temperature? Give reason. 1
  3. Name two instruments used to measure temperature. 2
- OR
3. Why are digital thermometers safer than mercury thermometers? 2

36. Read the following and answer the questions-

4

Neha read that Earth is the only planet known to support life. She also learned that planets revolve around the Sun in fixed paths.

**Questions:**

1. Name the fixed path along which planets move. 1
  2. Name the nearest star to Earth. 1
  3. Which planet is known as the Red Planet and why? 2
- OR
3. Why is Earth suitable for life? Give two reasons. 2

**SECTION-E**

37. Describe the different sources of water. Explain how groundwater is recharged?

OR

Describe the importance of water in daily life.

38. Describe the process of filtration.

OR

Describe sedimentation and decantation with examples.

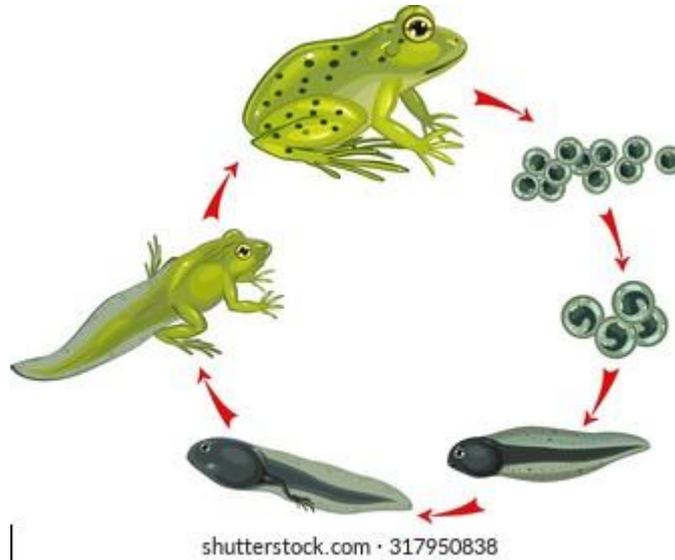
39. Describe the characteristics of living organisms in detail.

OR

Observe the given image and answer the following questions:

(a) Which stage of the life cycle of the given animal is spent in water? List the features it develops to live in water.

(b) Which stage of the life cycle is spent both on water and on land? List the features it develops for this.



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