



B.K. BIRLA CENTRE FOR EDUCATION

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



PERIODIC TEST-1 (2026-27) SOCIAL SCIENCE SET – B (Ans Key)

Class: V
Date : 15/06/2026
Admission no:

Time: 1hr
Max Marks: 25
Roll no:

INSTRUCTIONS:

1. The question paper consists of five sections (A, B, C & D) with 12 questions in total.
2. All questions are compulsory.
3. Question numbers 1-5 are multiple choice questions of 1 mark each.
4. Question numbers 6 to 8 are of 2 marks each. Answers to these questions should not exceed 20-30 words each.
5. Question numbers 9 and 10 are of 3 marks each. Answers to these questions should not exceed 50-60 words each.
6. Question number 11 and 12 are Case based, carrying 4 marks each.

SECTION-A

(1×5=5)

Choose the correct option

1. The _____ is an imaginary line that divides Earth into two halves.
a. Axis b. longitude c. **Equator** d. latitude
2. It takes Earth _____ days to complete one revolution around the Sun.
a. 363 days 6 hrs. b. **365 days 6 hrs.** c. 366 days 6 hrs. d. . 362 days 6 hrs.
3. The movement of Earth around the Sun is called
a. **Revolution** c. Axis b. waterways d. Rotation
4. Which type of waterway transports through rivers and lakes?
a. **Inland waterways** b. National highways
c. oceanic waterways d. river ways
5. What are kutcha roads typically made of?
a. Cement and bricks b. **Sand and dirt**
c. Tar d. Concrete

SECTION-B

(2×3=6)

5. What is the equator? What are the two parts that it divides Earth into?
The equator is an imaginary line that runs through the middle of Earth, dividing it into two equal parts. It separates Earth into the Northern Hemisphere and the Southern Hemisphere.

6. Explain the three modes of transport with one example each.

Railways use trains that run on tracks to transport people and goods. They are suitable for long-distance and bulk transportation. Roadways involve vehicles that travel on roads. It is the most common and flexible mode of transport. Airways use aircraft for fast travel across long distances. Waterways involve transport over rivers, seas, and oceans. It is cost-effective for heavy and bulky goods.

7. Describe any two means of mass communication.

Two means of mass communication are:

- Television: We use it to watch news, sports, movies, and other programs.
- Newspapers: They tell us about important events happening in our country and around the world.

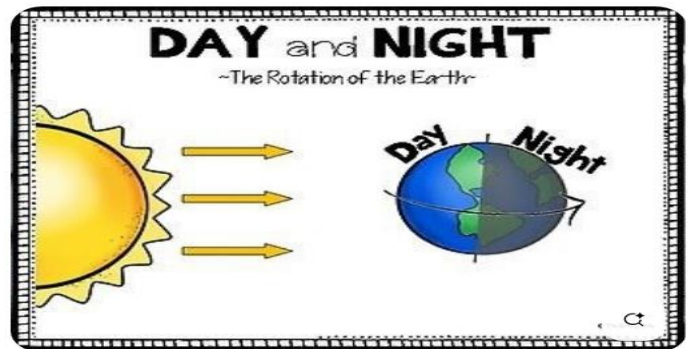
SECTION-C

(2×3=6)

8. What is rotation? Explain with a diagram of Earth's rotation.

Rotation is the movement of the Earth spinning on its axis.

- The axis is an imaginary line that passes through the North Pole and South Pole.
 - The Earth rotates from west to east.
 - It takes about 24 hours to complete one full rotation.
 - Rotation causes day and night.
- When a part of the Earth faces the Sun, it has day. The other side has night.



9. Write any two differences between old and modern means of communication.

Two differences between old and modern means of communication:

1. **Speed:**

Old means of communication like letters took many days to reach, whereas modern means like mobile phones and emails are very fast and instant.

2. **Technology:**

Old communication methods used simple tools like letters and messengers, while modern communication uses advanced technology like the internet, smartphones, and computers.

SECTION-D

(2×4=8)

Case Study

11. Neha's grandparents told her that in earlier times, people travelled long distances using bullock carts and boats, which were slow and tiring. Today, Neha travels comfortably by train and sometimes by aeroplane to visit her relatives. Due to better roads, railways, and airways, travel has become much faster and more convenient.

Questions:

1. In earlier times, people depended on slower and more tiring ways to travel. What kinds of transport might they have used? 1

Ans. Bullock carts and boats.

2. Today, Neha is able to travel quickly and comfortably to visit her relatives. Which means of transport could help her do this? 1

Ans . Train and aeroplane.

3. Travel today is much easier compared to the past. What benefit of modern transport does this show? 1

Ans Modern transport is faster and more comfortable.

4. Neha's journey has become faster due to improvements in infrastructure. What developments have helped in making travel more convenient? 1

Ans The development of better roads, railways, and airways has made travel more convenient.

12. Arjun observed that in June, the days were longer and the weather was quite warm in his city. His teacher explained that the Earth is tilted on its axis and revolves around the Sun. Due to this tilt, different parts of the Earth receive varying amounts of sunlight during the year. In June, the Northern Hemisphere is tilted towards the Sun.

Questions:

1. Which hemisphere is Arjun's city likely located in? 1
Northern Hemisphere.

2. What kind of season is experienced in the Northern Hemisphere during June? 1
Summer season.

3. Why are the days longer in June in this region? 1
Because the Northern Hemisphere is tilted towards the Sun, it receives more sunlight.

4. Name the two movements of the Earth mentioned in the passage. 1
Rotation and revolution.