



Name _____ Class _____ Roll no. _____ Date _____ Marks _____ / 24

1 Key words**[3]**

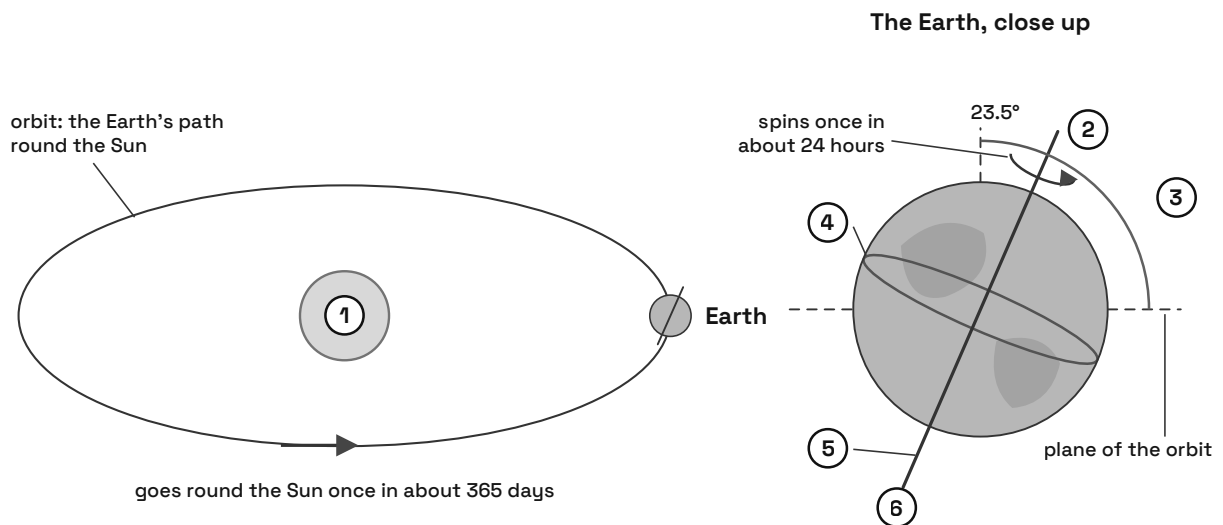
Fill in the blanks with words from the box. One word in the box is not needed. Each blank carries 0.5 mark.

meteor orbit phases revolution rotation satellite solar system

A body that goes round a planet is called a _____. The fixed path of a planet round the Sun is its _____. The Sun and everything that goes round it make the _____. The Earth spinning on its axis is called its _____. The Earth going round the Sun is called its _____. The changing shapes of the Moon are called the _____ of the Moon.

2 Label the diagram**[3]**

The diagram shows the Earth on its orbit, and the Earth up close. Write the labels numbered 1 to 6. Each carries 0.5 mark.



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3 Multiple choice**[5]**

Choose the correct option for each of the following questions.

i. Which of these is a star?

[1]

a. Venus

b. Jupiter

c. the Moon

d. the Sun



- ii. What takes 24 hours? [1]
- a. the Moon going once round its orbit b. the Earth spinning once on its axis
c. the Moon spinning once on its axis d. the Earth going once round its orbit
- iii. Why do the seasons change on the Earth? [1]
- a. The distance between the Sun and the Earth changes.
b. The Earth spins and goes round the Sun with its axis tilted at 66.5° to the plane of its orbit.
c. The distance between the Moon and the Earth changes.
d. The Earth goes round its orbit sometimes slowly and sometimes fast.
- iv. Why does the Moon have phases? [1]
- a. The Earth's axis is tilted. b. The Moon's axis is tilted.
c. The Earth goes round the Sun. d. The Moon goes round the Earth.
- v. As the Moon goes round, the Earth comes between the Sun and the Moon. When, and how, does the Moon look then? [1]
- a. full and round, all night long b. a thin curve at midnight
c. full and round, only at dawn d. full and round, only in the evening

4 Correct or wrong? [4]

Write ✓ if the sentence is correct and X if it is wrong. Each carries 1 mark.

- i. Stars go round the Sun. (_____)
ii. The Earth takes 365 days to spin once on its axis. (_____)
iii. Because the Earth spins, the time is different in different places. (_____)
iv. The Moon shines in the evening during the bright half (Shukla Paksha). (_____)

5 Match the Moon [2]

Match each word in Column A with its meaning in Column B. Write the letter in the box. One meaning in Column B is not needed. Each match carries 0.5 mark.

Column A

1. new moon (Aunsi)
2. full moon (Purnima)
3. bright half (Shukla Paksha)
4. dark half (Krishna Paksha)

Column B

- a. the Moon grows smaller each day
b. the Moon is between the Sun and the Earth
c. the Earth is between the Sun and the Moon
d. the Moon makes its own light
e. the Moon grows bigger each day

6 Very short answers [1]

Write very short answers to the following questions.

How many planets go round the Sun?



7 Short answers

[4]

Write short answers to the following questions.

a. Write any two differences between stars and planets.

[2]

b. Write any two effects of the Earth's rotation.

[2]

8 Think

[2]

Think, then answer.

What would happen if the Earth's axis stood straight up, not tilted? Write two things.

9 Activity: Watch the Moon rise

(not marked)

On the full moon day (Purnima) and the next two days, note the time when the Moon rises. Draw its shape each day.

Date	Tithi	Time of moonrise	Shape of the Moon
	Purnima		
	Pratipada		
	Dwitiya		

How did the time of moonrise change from day to day?

