Grade 4 social science test 4 Date 25.7.25

### **Q1. Answer the following questions briefly. *(2 × 1 = 2 marks)***

**a)** What is rotation?

B What is revolution

### **2. Fill in the blanks. *(1 × 2 = 2 marks)***

**a)** The Earth completes one rotation in about \_\_\_\_\_\_\_ hours.

b) The fixed path on which the Earth moves around the Sun is called its **\_\_\_\_\_\_\_\_**.

### **3.Tick the correct answer. *(1 × 2 = 2 marks)***

**a)** Which motion of the Earth causes day and night?

i) Revolution ii) Rotation iii) Spinning of the moon

**b)** The Earth revolves around the Sun in:

i) 24 hours ii) 30 days iii) 365¼ days

### **4.Case Study (Read and answer) *(4 marks)***

Read the passage carefully and answer the following questions:

Riya is reading a book about Earth. She learns that Earth moves in two ways: by spinning on its own axis and moving around the Sun. She notices that the days are shorter in winter and longer in summer. Her teacher explains this happens because of the Earth’s revolution and its tilted axis.

**a)** What are the two types of movement of the Earth called?
 A)Jumping and turning B)Rotation and revolution C) Spinning and drifting

**b)** Why does Riya observe longer days in summer?
 A) Because the Sun is closer to Earth B) Because of Earth's rotation
 C) Because of Earth's tilted axis and revolution

**c)** Which movement of the Earth causes seasons?
 A) Rotation B) Revolution C) Earthquake

**d)** What is the shape of the path on which the Earth revolves around the Sun?
 A) Round B) Elliptical C) Straight