

Science Year 3

Topic 9: Solar System

Duration: 1 hour

Marks: 30 marks

Section A – Multiple choices questions.

Answer question 1 until 6 based on the picture below. (LO1, LO2)



1. **What is the center of the Solar System? (LO1)**
 - A. Sun
 - B. Jupiter
 - C. Earth
 - D. Neptune
2. **Which of the following is not a planet in our Solar System? (LO1)**
 - A. Venus
 - B. Neptune
 - C. Jupiter
 - D. Moon
3. **Which planet has rings around it? (LO1)**
 - A. Mars
 - B. Saturn
 - C. Earth
 - D. Neptune
4. **Which planet is the hottest among the following based on their sequence? (LO2)**
 - A. Earth, Mercury
 - B. Mars, Jupiter
 - C. Venus, Mars
 - D. Uranus, Neptune
5. **As a planet gets farther from the Sun, its temperature usually becomes: (LO2)**
 - A. Hotter
 - B. Colder
 - C. The same
 - D. Warmer
6. **Which planet is colder than Earth? Why? (LO2)**
 - A. Venus - because it is farther from the Sun.
 - B. Neptune - because it is farther from the Sun and receives less heat.
 - C. Mars - because it is closer to the Sun.
 - D. Jupiter - because it is much larger and cooler.

(6 marks)

Section B – Fill in the blank questions.

1. Fill in the blanks with the correct answer. (LO3)

Saturn	Earth	Orbit
Jupiter	Mercury	Mars

- i. The planet closest to the Sun is _____.
- ii. _____ takes about 365 days to complete one orbit around the Sun.
- iii. _____ is known for its beautiful rings and orbits the Sun after Jupiter.
- iv. The fourth planet from the Sun is _____ and is called the “Red Planet.”
- v. _____ is the largest planet in our Solar System and takes about 12 years to orbit the Sun.
- vi. All planets move around the Sun in a path called an _____.

(6 marks)

Section C: Mix and match question.

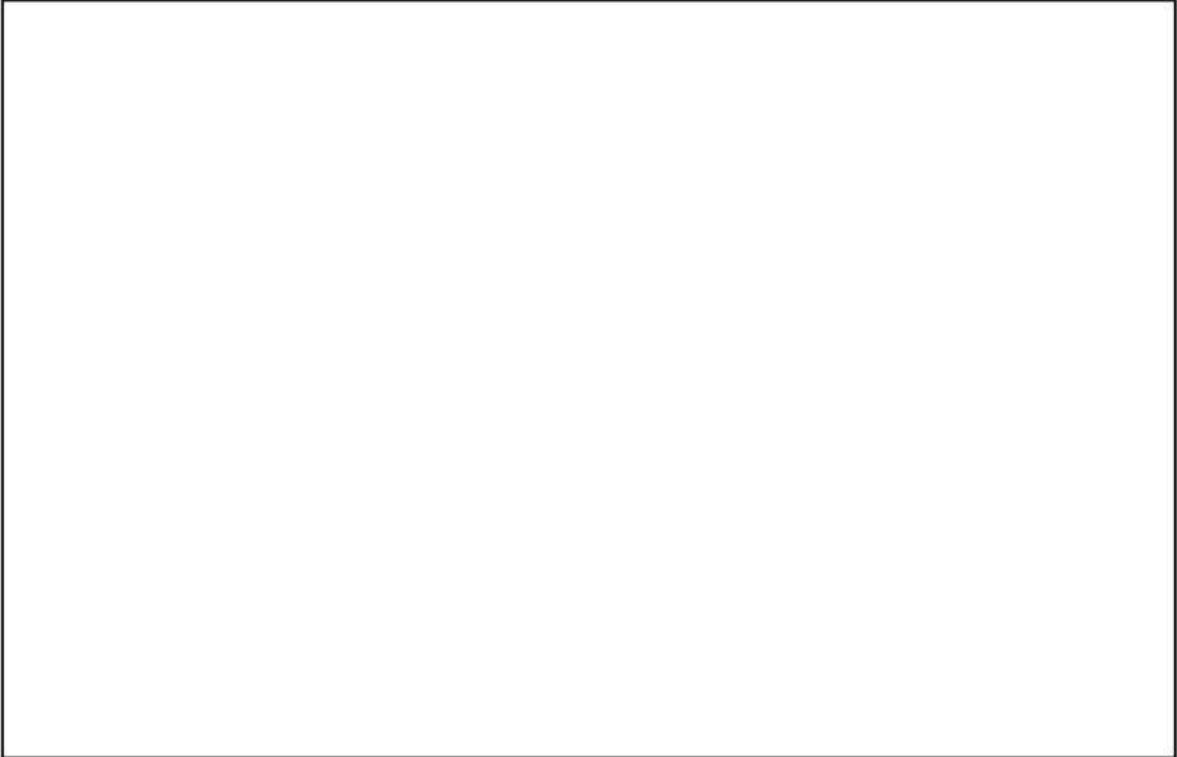
Match each planet to the correct description about its orbit around the Sun. (LO4)

Saturn	185 years
Mercury	84 years
Neptune	29 years
Mars	12 years
Earth	687 days
Venus	365 days (1 year)
Jupiter	225 days
Uranus	88 days

(8 marks)

Section D: Creative thinking question.

Based on your own creativity, draw a picture to show what you have learned about the Solar System. Label at least four planets and the Sun in your drawing. (LO5)



(10 marks)