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## STARS AND THE SOLAR SYSTEM

### **I. Answer the following as directed :**

1. What is the distance between the sun and the earth ?
2. Which planet is called a red planet ?
3. Name the two moons of Mars.
4. Which constellation appears as a letter "W" ?
5. How much time will be taken by the moon to complete one revolution around the earth ?
6. Name a planet which rotates from east to west about its axis.
7. Which planet has a great red spot ?
8. Name a planet which removed from the solar system.
9. What is Pluton ?
10. What are shooting stars ?

### **II Answer the following :**

1. Define Solar System.
  2. What is light minute ?
  3. What is a Comet? Why does a Comet develop a tail while approaching the sun?
  4. Write the difference between :
    - a) Meteors and Stars
    - b) Meteors and Meteorites
  5. What is a star? What makes the star give out vast amount of energy ?
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6. What is New Moon?
  7. What are artificial satellites? Give examples.
  8. Write three differences between a star and a planet.
  9. What is a light year ? Express in km.
  10. Draw a neat diagram of a constellation 'Ursa Major'
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