



14. There is an attractive system of rings around .....
15. In 1:50000 metric maps ..... is indicated by yellow colour.

❖ **Match "A" with "B".**

<u>A</u>	<u>B</u>
16. Rotates from east to west	Mars
17. A planet without satellites	Urenus
18. The largest planet	Neptune
19. It is known as red planet	Jupiter
20. The coldest planet in solar system	Venus

**Part II**

**Time : 1 ½ hours**

❖ **Answer only 05 questions.**

1. I Name 03 outer plantets in solar system. (3 marks)  
 II Explain dwarf planets. (4 marks)  
 III Write as belifs linked with solar system. (5 marks)
  
2. I Name 03 scientists who discovered about universe. (3 marks)  
 II "Earth is not a mathematical globe". Explain the reasons. (4 marks)  
 III Write 05 facts that cause to create a living habitat on the earth. (5 marks)
  
3. I Explain rotation of earth. (3 marks)  
 II Explain latitudes and longitutes. (4 marks)  
 III Explain in brief two results of rotaion of earth. (5 marks)
  
4. I Define revolution of earth. (3 marks)  
 II Explain how to create a leap year. (4 marks)  
 III Explain what is solstices. (5 marks)
  
5. I Write 03 areas of earth that can be seen the clear seasonal changes. (3 marks)  
 II Write 04 seasons occurred in earth. (4 marks)  
 III Explain 02 seasons you have mentioned above. (5 marks)

6. I Write 03 gases in the atmosphere. (3 marks)
- II Write 04 uses of atmosphere. (4 marks)
- III Explain 03 human activities that lead to air pollution. (5 marks)
7. I Write the difference in time between two longitudes. (3 marks)
- II Calculate the regional time of following longitudes. Use greenwich time as 12.00 noon.
- a) Eastern longitude  $30^{\circ}$
- b) Eastern longitude  $60^{\circ}$
- c) Western longitude  $15^{\circ}$
- d) Western longitude  $75^{\circ}$
- III Write the names of following latitudes and longitudes.
- a)  $0^{\circ}$  latitude
- b)  $23\frac{1}{2}^{\circ}$  North latitude
- c)  $23\frac{1}{2}^{\circ}$  South latitude
- d)  $0^{\circ}$  longitude
- e)  $180^{\circ}$  longitude