



Dnyansagar Coaching Classes, A'nagar

Unit Test

Std. - VIII (Semi)

Sub- Science

Chap -1 (Stars and our solar system)

Time - 1 hrs

Max Marks - 20

Q.1 (A) Rewrite the following statements by selecting the correct option. 2

- i) Saturn has satellites.
a) 53 b) 8 c) more than 60 d) 50
- ii) does not have a satellite.
a) Mars b) Mercury c) Jupiter d) Saturn
- iii) are superior planets.
a) Mercury and Venus b) Jupiter and Saturn
c) Mercury and Mars d) Venus and Uranus
- iv) Mars has satellites.
a) 4 b) 3 c) 2 d) 8

(B) Match the following. 2

- | Column 'A' | Column 'B' |
|------------|-------------|
| 1) Earth | a) 63 moons |
| 2) Mars | b) 60 moons |
| 3) Jupiter | c) 1 moon |
| 4) Saturn | d) 2 moons |

(C) Say whether the statements are true or false. 2

- i) Venus has 3 moons.
- ii) The Sun is the center of our solar system.
- iii) Uranus rotates from west to east.
- iv) Like the moon, Venus also has the phases.

(D) Find odd man out. 2

- 1) Mercury, Venus, Mars, Sirius
- 2) Mercury, Mars, Jupiter, Saturn
- 3) Sun, Sirius, Pole Star, Venus
- 4) Mriga, Punarvasu, Ashlesha, Jupiter

Q.2 (A) Answer the following in short (any two) 4

- 1) What is period of rotation?
- 2) What is GMRT?
- 3) What are asteroids?
- 4) Name any four *nakshatras*.

B) Give scientific reasons.(any two) 4

- 1) We see the planets and stars moving from the east to the west.
- 2) Even as an India-England cricket match is played at Lords, we can watch it live at home.
- 3) We only see one side of the moon.
- 4) Planets do not collide into one another.

Q.3 (A) Write short note on. (any two) 4

- 1) State two characteristics of Mercury.
- 2) How are artificial satellites useful to us?
- 3) What are the inferior and superior planets?
- 4) Explain about the Sun with respect to its (a) size (b) temperature (c) gravity.
