

## Std. 8 General Science

Marks : 20

Ch.1 Stars and Our Solar System Duration : ½ hr.

### Q1 Fill in the blanks [3 M ]

1. ----- does not have a satellite.  
a) Mars    b) Mercury    c) Saturn
2. Jupiter has ----- moons .  
a) 63    b) 68    c) 65
3. India launched its first artificial satellite in the year -----.  
a) 1973    b) 1974    c) 1975

### Q2 State whether True or False [3 M ]

1. Venus does not have any satellite .
2. Halley's comet does not belong to the solar system.
3. It is because of artificial satellites that we can forecast the weather.

### Q3 Answer in one sentence [4 M ]

1. State two uses of artificial satellite.
2. Name the planet farthest from the sun.
3. Which is the brightest star in the constellation Scorpius ?
4. What are asteroids?

### Q4 Give scientific reasons . ( Any Two ) [4 M ]

1. We only see one side of the moon.
2. When a meteoroid enters the earth's atmosphere , it starts burning.
3. Saturn is said to have unique characteristics.

### Q5 Write short note on any ONE of the following.[2 M ]

1. Constellations
2. Phases of the moon

### Q6 Answer any TWO of the following. [4 M ]

1. Why does each planet has different period of revolution?
2. How many constellation have been recognized so far by the International Astronomical Committee? How many of these belong to  
1 ) the northern sky 2 ) the southern sky
3. Write special features of a comet .

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