

# BHARATH COACHING CENTRE

8<sup>th</sup>CBSE

Science

Total: 50

Stars and the solar system

Time: 1.30 hrs

## SECTION – A

5 X 1 = 5

- Which of the following is not a Celestial body?  
a) Dhuruv tara    b) North pole    c) Moon    d) Jupiter
- The star Betelgeuse belongs to the constellation  
a) Ursa major    b) Ursa minor    c) Cassiopeia    d) Orion
- Halley's comet comes close to the sun every  
a) 176 year    b) 76 years    c) 67 years    d) 760 years
- First satellite sent by India into the space was  
a) Chandrayan    b) Aryabhata    c) Agni    d) Sputnik 1
- Which planet is called as morning star?  
a) Venus    b) Saturn    c) Jupiter    d) Neptune

## SECTION – B

5 X 2 = 10

- What are celestial body?
- Define the term Asteroid.
- Differentiate Ursa major and Ursa minor.
- What is meteorite?
- What Dhuruv Natchatra? What are its uses?

## SECTION – C

5 X 3 = 15

- Define light year.
- Draw the constellation of Orion and Cassiopeia.
- Why does moon has different phases?
- Enumerate the uses of artificial satellites.
- Write the differences between inner planets and outer planets.

## SECTION – D

2 X 5 = 10

- Give five uses of artificial satellites.
- Differentiate between Meteors, Meteoroids, Meteorites

3. Write short notes on comets.
4. What is constellation? Enumerate the types of constellations.

BHARATH