

BHARATH COACHING CENTRE

8thCBSE

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) Dhruv 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 Dhruv 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