

Ans 1 Satellite

Ans 2 stars

Ans 3 Mars and Jupiter

Ans 4 Venus

Ans 5 Approx. 300000 Km/sec

Ans 6 locate the Ursa major and locate quadrilateral in it. select the 2 stars on the far side of the quadrilateral. Join these stars with a line towards the top of the ladle. A faint star which meets this line is the pole star.

Ans 7 Yes, because it has same rotation like earth.

- Ans 8 A → (x) Galaxy
- B → (s) Milky way
- C → (q) Pole star
- D → (p) Constellation

Ans 10

Inner planet

Outer planet

1

They are closer to the sun.

(i) They are farther to the sun.

2 ii

They are small in size

(ii) They are larger in size

3 iii

Their surface is rocky

(iii) Their surface is gaseous

Ans 11

Galaxies

Constellations

I They are collection of billion stars (I) They consist only few stars.

II There are many galaxies in the universe (II) There are only 88 constellations

Ans 13 Large natural objects that orbit, or travel around, stars are called planets.

Different planets have different conditions some are hot, some are cold, some planets are very big in size, some are small etc.

Planets

stars

I Planets do not emit their own light (I) stars have their own light

II They ~~are~~ revolve around stars (II) They do not orbit anything