

MCSs Sub-Topic 1: Introduction

1) What is the difference between heavenly bodies and celestial bodies?

- a) Same
- b) No difference
- c) Both (a) and (b)
- d) Neither (a) nor (b)

Sub-Topic 2: Stars

1) How often the stars are found?

- a) Small groups
- b) Large groups or clusters
- c) In groups of 2-3
- d) As single unit

2) Identify the correct pattern of universe formation.

- a) Universe > star > galaxy
- b) Galaxy > universe > star
- c) Star > galaxy > universe
- d) None of these

Sub-Topic 3: The Constellations

1) What was the importance of Pole star during ancient times and was used by whom?

A= During ancient times sailors and other travellers used the Pole star to find directions at night.



Sub-Topic 4: the Solar System

1) The Heliocentric theory was framed in:

- a) 1543 CE
- b) 1703 CE
- c) 1297 CE
- d) 875 CE

Sub-Topic 5: The Sea

1) Identify the gases that the sea is made up of.

- a) Hydrogen   & helium
- b) Nitrogen & Argon
- c) Helium & Nitrogen
- d) Xenon & Helium

2) What essential condition(s) are required

upon the surface of the Earth for the

sustenance of the life / survival, with respect

to sea?

A= Essential conditions that are required upon the surface of the Earth for the sustenance of the life are:

- * Availability of water
- * Presence of atmosphere
seasons
- * Suitable weather and weather conditions

Sub-Topic 6: The Planets

Q) How were the jovian planets formed / did come into existence?

A= When the sun was formed the colder outer parts of the disc broke up to form the

4 jovian planets e.g. Jupiter, Saturn, Uranus, Neptune

Sub-Topic 7: The Earth


Q) How much of the Earth's part is covered by water?

Ans) Two-third

MISCELLANEOUS

2) Give one word answers :-

a) Blue planet of the solar system : Earth

b) The largest planet of our solar system : ^{Jupiter} 

c) Another name for Milky Way : Aakash Ganga

d) The two planets between which the Saturn lies:
Jupiter and Uranus

e) The smallest planet in the solar system : Mercury

f) Constellation that helps us locate the Pole
Star : Ursa major

3) Indicate if the statements are True or False :-

a) Asteroids are thought to be ^{pieces} ~~pieces~~ of a
large planet which exploded. False

b) The sun is the biggest star in the universe.
False

c) Planets move around the sun in circular
orbits. False

d) The solar system consists of the sun and the eight planets. False

e) Uranus has most number of satellites in our solar system. False

f) Hydrogen and helium gases are found on the sun. True

4) Name all the planets according to their size.

A= Planets according to their size are:

- Mercury
- Venus
- Earth
- Mars
- Jupiter
- Saturn
- Uranus
- Neptune

5) Why is Earth known as 'Blue Planet'?

A= Earth is known as 'Blue Planet' because

two-thirds of ~~the~~ its surface is covered
in ~~land~~ waters.

6) Match the following:

Column - A

Column - B

The star nearest to earth

Moon

~~The~~ Planet with the largest orbit

Saturn

Red planet

Sun

Celestial body closest to earth

Mars

Planet surrounded by prominent rings

Neptune