

CHAPTER 12 : THE SOLAR SYSTEM AND OUR EARTH**Instructions:**

- ✓ Read the chapter in your book - quickly and thoroughly, preferably more than once.
 - ✓ Contact me in case of any difficulty in understanding.
-

MCQs**(Solve yourself)**

- 1.** Who told strongly that all things moves around the earth?
 - a) Ptolemy
 - b) Copernicus
 - c) Galileo
 - d) Kepler
- 2.** Who proposed the model of sun-centric instead of earth-centric?
 - a) Copernicus
 - b) Ptolemy
 - c) Galileo
 - d) Kepler
- 3.** Which scientist at first said that the earth moves around the sun?
 - a) Ptolemy
 - b) Copernicus
 - c) Aristotle
 - d) Socrates
- 4.** Which Scientist at first said that the earth rotates within its own axis?
 - a) Galileo
 - b) Ptolemy
 - c) Avogadro
 - d) Copernicus
- 5.** How many planets are there in solar system?
 - a) eight
 - b) twelve
 - c) seven
 - d) six
- 6.** Which one of the following is correct?
 - a) The earth moves round the sun.
 - b) The sun moves round the earth.
 - c) There are 9 planets in the solar system.
 - d) The moon is a planet.

- 7.** Which is the nearest planet to the sun?
a) Venus
b) Mercury
c) Earth
d) Mars
- 8.** Which planet has no atmosphere?
a) Mars
b) Earth
c) Mercury
d) Venus
- 9.** Which is the largest planet of solar system?
a) Saturn
b) Jupiter
c) Mars
d) Mercury
- 10.** Which planet we see in the sky as morning star and evening star?
a) Mercury
b) Uranus
c) Venus
d) Neptune
- 11.** What is the position of earth in solar system in terms of distance between sun and earth?
a) Fourth
b) Second
c) Third
d) Fifth
- 12.** Which is called red planet?
a) Mars
b) Mercury
c) Jupiter
d) Pluto
- 13.** In which year Pluto was removed from the list of planets of solar system?
a) 2009
b) 2007
c) 2005
d) 2011
- 14.** How long does the Uranus take to move round the sun?
a) 10 years
b) 29 years
c) 80 years
d) 170 days
- 15.** Which planet consists of ice and gas?
a) Jupiter
b) Saturn
c) Mars
d) Uranus
- 16.** Which has maximum temperature of the following planets?
a) Mercury
b) Venus
c) Saturn
d) Neptune

- 17.** When Halley's comet will be appeared in the sky of the earth again?
- 2020
 - 2042
 - 2062
 - 2052
- 18.** Halley's comet appears every -
- 75 years
 - 80 years
 - 85 years
 - 90 years
- 19.** Which is the smallest luminary revolving around the sun?
- Meteors
 - Asteroids
 - Satellite
 - Comet
- 20.** Erath is surrounded by -
- Gaseous atmosphere
 - Semi-solid atmosphere
 - Hard solid atmosphere
 - None of the above
- 21.** When Bangladesh comes closer to the sun?
- 21st June
 - 21st November
 - 21st March
 - 22nd December
- 22.** Which is the longest day and shortest night in the northern hemisphere?
- 21st March
 - 21st December
 - 23rd September
 - 21st June
- 23.** Which is the shortest day and longest night in the southern hemisphere?
- 21st June
 - 21st December
 - 23rd September
 - 21st March
- 24.** Which season prevails in Bangladesh during 21st March?
- Winter
 - Spring
 - Summer
 - Autumn
- 25.** Which season we can see in southern hemisphere on 21st December?
- Winter
 - Spring
 - Summer
 - Rainy season
- 26.** The sun shines vertically over the equator on -
- 23rd September
 - 21st December
 - 21st March
 - None of the above

27. When day and night becomes equal across the globe?

- a) 23rd March
- b) 21st December
- c) 23rd June
- d) 21st March

28. Which one is the incomplete planet?

- a) Neptune
- b) Pluto
- c) Uranus
- d) Saturn

29. How many motions of earth are there?

- a) 2
- b) 3
- c) 4
- d) 5

30. Aristotle was -

- i. Philosopher
- ii. Scientist
- iii. Mathematician

Which one is correct?

- a) i
- b) ii
- c) i and ii
- d) i, ii and iii

31. According to Copernicus -

- i. The earth moves round the sun.
- ii. The earth rotates on its own axis
- iii. Ptolemy's idea about earth's movement was wrong.

Which of the following is correct?

- a) i
- b) ii
- c) i and ii
- d) i, ii and iii

32. Burning gaseous body of star contains -

- i. Hydrogen
- ii. Helium
- iii. Oxygen

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii

33. Only made of gas -

- i. Jupiter
- ii. Saturn
- iii. Earth

Which one is correct?

- a) i
- b) ii
- c) i and ii
- d) i, ii and iii

34. The earth is -

- i. a planet
- ii. it has two motions
- iii. a satellite

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii

35. Uranus is made of -

- i. stone
- ii. gas
- iii. ice

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii

36. Comets are made of -

- i. gas
- ii. ice
- iii. dust

Which one is correct?

- a) i
- b) ii
- c) iii
- d) i, ii and iii

37. Artificial satellites are set for -

- i. collect information of wireless
- ii. telecommunication
- iii. collect weather and climate information

Which one is correct?

- a) i
- b) ii
- c) iii
- d) i, ii and iii

38. On which day the sun ray falls vertically over the equator?

- i. 22nd December
- ii. 23rd September
- iii. 21st March

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii

39. What is the result of the rotational motion of the earth?

- i. changes the direction of winds
- ii. changes the direction of ocean current
- iii. cause high and low tides

Which one is correct?

- a) i
- b) ii
- c) iii
- d) i, ii and iii

40. Structural element of sun -

- i. hydrogen
- ii. helium
- iii. nitrogen

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii

41. Day and night equal -

- i. 23rd September
- ii. 21st March
- iii. 21st June

Which one is correct?

- a) i and ii
- b) ii and iii
- c) i and iii
- d) i, ii and iii