



DATE: - _____

Subject: - Science

Roll no: _____

NAME: - _____

Worksheet

I. Multiple Choice Questions: -

1) Which of the following is the biggest planet?

- a) Mercury b) Earth c) Venus d) Jupiter

2) A group of stars forming a pattern. Such groups of stars are called _____

- a) Orbits b) Planets c) Constellations d) Galaxy

3) The earth completes one revolution in

- a) One hour b) One year c) One day d) One month

4) The movement of the earth on its own axis is called _____

- a) Rotation b) Revolution c) Constellation d) Both (b) and (c)

5) The imaginary line dividing the earth into two halves is called _____

- a) the equator b) half line c) the orbit d) path

6) Which of the planets rotates the fastest?

- a) Earth b) Moon c) Jupiter d) Venus

7) We have longer days and shorter nights during the

- a) Summer b) Autumn c) Winter d) Spring

8) The earth rotates from

- a) east to west b) north to south c) south to north d) west to east

9) Changes in seasons are caused by

- a) the rotation of the earth around itself
b) the revolution of the earth around the sun
c) the rotation of the earth around itself
d) the rotation of the sun around itself

10) Which of the following planets shows the characteristics given below?

- a) Mercury b) Earth c) Mars d) Venus

11) Sahil shone a torch and blew a horn at the same time, while standing at 15 m distance from Amit. Amit will _____.

- a) First hear the sound then see the light.
b) First see the light then hear the sound.
c) See the light and hear the sound at the same time.
d) None of these.

12) X is that force which works in the opposite direction of movement of an object in contact with a surface. It is _____

- a) Gravity b) Push c) Pull d) Friction

13) Select the odd one out on the basis of the type of mechanical force involved.

- a) Opening the door of a refrigerator.
b) Plying tug of war
c) Hitting a cricket ball with a bat to make run

d) Taking out water from a well using rope attached to a bucket.

14) Q can hear the sound made by P in the shortest time, when the medium is _____

a) Brick wall

b) Water

c) Air

d) Vacuum

15) The object does not cast a shadow. It is most likely made up of X material. X could be

a) Metal

b) Ceramic

c) Clear Plastic Sheet

d) Frosted glass

Answer the following questions:-

1) Light travels faster than sound. Give one example to justify this statement.

2) Describe the Solar Eclipse and Lunar Eclipse.

3) Give two proofs to show that the earth is round.

4) Name three Indian Astronomers. Write two lines on any one of them.
