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1) **Sound waves in air are**

- a) transverse
- b) longitudinal
- c) electromagnetic
- d) polarized

View Answer

Option – b)

2) **Sound produced at a point is heard by a person after 5 second, while the same sound is heard by another person after 6 seconds. If the speed of sound is 300 m/s, what could be the maximum and minimum distances between the two persons?**

- a) 1.8 km, 0.15 km
- b) 2.2 km, 0.20 km
- c) 2.8 km, 0.25 km
- d) 3.3 km, 0.30 km

View Answer

Option – d)

3) **Planets are**

- a) luminous heavenly bodies revolving around a star
- b) non-luminous heavenly bodies
- c) luminous heavenly bodies that twinkle
- d) luminous heavenly bodies that do not twinkle

View Answer

Option – b)

4) **Light from the Sun reaches us in nearly**

- a) 2 minutes
- b) 4 minutes
- c) 8 minutes
- d) 16 minutes

View Answer

Option – c)

5) **Magnetism at the centre of a bar magnet is**

- a) minimum
- b) maximum
- c) zero

d) minimum or maximum

View Answer

Option – c)

6) **If electrical conductivity increases with the increase of temperature of a substance, then it is a:**

a) Conductor

b) Semiconductor

c) Insulator

d) Carborator

View Answer

Option – b)

7) **Which law is also called the law of inertia ?**

a) Newton's first law

b) Newton's Second Law

c) Newton's Third Law

d) All of these

View Answer

Option – a)

8) **Which one of the following has the highest value of specific heat ?**

a) Alcohol

b) Methane

c) Kerosene

d) Water

View Answer

Option – d)

9) **Which instrument is used to measure altitudes in aircraft's ?**

a)Audiometer

b)Ammeter

c)Altimeter

d)Anemometer

View Answer

Option – c)

10) **The absorption of ink by blotting paper involves**

a)capillary action phenomenon

b)viscosity of ink

c)siphon action

d)diffusion of ink through the blotting

View Answer

Option – a)