Physics	Lahore Ninth, 2021	Paper – I
Time: 15 Min.	Objective Type (Group–II)	Marks : 12

Note:

Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer -book. Cutting or filling two or more circles will result in zero mark in that question.

1.1 The density of ice is:

A $1000 kgm^3$

B $920 kgm^3$

C $2700 kgm^3$

D $800 kgm^3$

2 Earth's gravitational force of attraction vanishes at:

A 6400 Km

B Infinity

C 42300 Km

D 1000 Km

3 Which scientist observed that it:

A Isaac Newton

B Galileo

C Einstein

D Alberuni

4 An interval of $200 \mu S$ is equivalent to:

A 0.2 S

B 0.02 S

C $2 \times 10^{-4} S$

D $2 \times 10^{-1} S$

5 Land and sea breezes are the result of:

A Conduction

B Convection

C Radiation

D Absorption

6 Which of the following is a vector quantity:

A Speed

B Distance

C Power

D Displacement

7 Which material has large specific heat:

A Copper

B Ice

C Water

D Mercury

8 The number of perpendicular components of a force are:

A 1

B 2

C 4

D 5

9 Inertia depends upon:

A Force

B Net force

C Mass

D Velocity

10 Rate of doing work is called:

A Energy

B Torque

C Power

D Momentum

11 The speed of geostationary satellite with respect to earth is:

A Zero

B $10 km S^{-1}$

C $10 km h^{-1}$

D $8 km S^{-1}$

12 In which sate of matter molecules do not leave their position:

A Solid

B Liquid

C Gas

D Plasma