

Physics	Ninth Lahore Board 2019	Pap
Time:15 Min.	Obi	Marks : 12

(Group - I)

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 least count of digital vernier callipers is:

- (A) 0.1 mm (B) 0.01 mm
(C) 0.001 mm (D) 0.0001 mm

2 Cheetah can run at a speed of:

- (A) 50 km h⁻¹ (B) 60 km h⁻¹

- (C) 70 km h⁻¹ (D) 80 km h⁻¹

3 S.I unit of momentum is :

- (A) Kg m⁻¹ s⁻¹ (B) Kg⁻¹ m⁻¹ s
(C) Kgms (D) Kgms⁻¹

4 Newton's first law of motion is valid only in the absence of:

- (A) Force (B) Net force
(C) Friction (D) Momentum

5 The number of perpendicular components of a force are:

- (A) 1 (B) 2
(C) 3 (D) 4

6 Moon is _____ km away from the earth :

- (A) 80,000 (B) 2,80,000
(C) 3,80,000 (D) 4,80,000

7 Speed of light is :

- (A) $2 \times 10^8 \text{ ms}^{-1}$ (B) $2 \times 10^9 \text{ ms}^{-1}$
(C) $3 \times 10^8 \text{ kms}^{-1}$ (D) $3 \times 10^8 \text{ ms}^{-1}$

8 The work done in lifting a brick of mass 2 kg through a height of 5 m above ground will be :

- (A) 2.5 J (B) 10 J
(C) 50 J (D) 100 J

9 S.I unit of pressure is Pascal which is equal to :

- (A) 10^4 Nm^{-2} (B) 1 Nm^{-2}
(C) 10^2 Nm^{-2} (D) 10^3 Nm^{-2}

10 The range of clinical thermometer is :

- (A) 20°C—42°C (B) 25°C—42°C
(C) 30°C—42°C (D) 35°C—42°C

11 Generally faces of Leslie's cube are :

- (A) 3 (B) 4
(C) 5 (D) 6

12 In gases, heat is mainly transferred by :

- (A) Molecular collision (B) Conduction
(C) Convection (D) Radiation