

PHYSICS (Group First) (OBJECTIVE)

Time: 15 Minutes

(New Course 2023 Annual)

Marks: 12

NOTE: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

- 1- Kilo = ? Ch. # 1
 (A) 10 (B) 10^2 (C) 10^3 (D) 10^4
- 2- Amount of a substance in terms of numbers is measured in: Ch. # 1
 (A) Gram (B) Kilogram (C) Newton (D) Mole
- 3- Which quantity is an example of scalar quantity? Ch. # 2
 (A) Velocity (B) Length (C) Force (D) Torque
- 4- Newtons first law of motion is valid only in the absence of: Ch. # 3
 (A) Force (B) Net force (C) Friction (D) Momentum
- 5- $\tan 45^\circ = ?$ Ch. # 4
 (A) 1 (B) 0.203 (C) 0.503 (D) 0.404
- 6- Radius of the Earth is: Ch. # 5
 (A) $6.4 \times 10^6 m$ (B) $6.4 \times 10^6 km$ (C) $6.4 \times 10^4 m$ (D) $6 \times 10^{24} m$
- 7- Which one converts light into electrical energy? Ch. # 6
 (A) Electric bulb (B) Electric generator (C) Photocell (D) Electric cell
- 8- If the velocity of a body becomes double, then its kinetic energy will: Ch. # 6
 (A) Remain constant (B) Become double
 (C) Become four times (D) Become half
- 9- Density of air is: Ch. # 7
 (A) $2 kgm^{-3}$ (B) $1.3 kgm^{-3}$ (C) $1 kgm^{-3}$ (D) $3 kgm^{-3}$
- 10- A mercury barometer tube length is: Ch. # 7
 (A) 1 m (B) 1.5 m (C) 1.4 m (D) 1.3 m
- 11- Which affects evaporation? Ch. # 8
 (A) Temperature (B) Surface area of the liquid
 (C) Air (D) All these
- 12- False ceiling is done to: Ch. # 9
 (A) Lower the height of ceiling (B) Keep the roof clean
 (C) Cool the room (D) Insulate the ceiling