Student Roll Number

Example Student Roll No.

| 1 | 3 | 5 | 2 | 4 | 6 |

Sign. and Seal of Supdtt.

Paper: PHYSICS

Part: 9th

Time: 20 Minutes

Marks: 12

Exam Code: 9171

NOTE
FILL IN THE
CORRECT CIRCLE ONLY

1. Density of mercury is .... gm/cm³.
   A) 1.36, B) 13.6, C) 136, D) 13600,   Ⓐ Ⓑ Ⓒ ●

2. How many cubic centimeters are there in a litre?
   A) 10000, B) 1000, C) 100, D) 10,   Ⓐ ● Ⓒ Ⓓ

3. Mass × velocity = ...
   A) speed, B) power, C) force, D) momentum,   Ⓐ Ⓑ Ⓒ ●

4. The matter of our sun is in .... state,
   A) solid, B) liquid, C) gas, D) plasma   Ⓐ Ⓑ Ⓒ ●

5. Average speed of a bus is 20m/sec. How far can it travel in 10 seconds?
   A) 100m, B) 150m, C) 200m, D) 250m,   Ⓐ Ⓑ ● Ⓓ

6. Centrifugal force is given by F_r = ...
   A) mv^2/r, B) $-mv^2/r$, C) mv/r^2, D) $-mv/r^2$,   Ⓐ ● Ⓒ Ⓓ

7. SI unit of moment of force is ....
   A) Nm^{-2}, B) N/m^2, C) Nm, D) Nm^{-1},   Ⓐ Ⓑ ● Ⓓ

8. Anti clockwise torque is taken ....
   A) zero, B) negative, C) parallel, D) positive,   Ⓐ Ⓑ Ⓒ ●

9. The value of "g" at the surface of moon is ....
   A) 1.63m/sec², B) 4.9m/sec², C) 8.9m/sec², D) 9.8m/sec²,   ● Ⓑ Ⓒ Ⓓ

10. 1 Newton × 1 meter = ...
    A) 1 joule, B) 1 watt, C) 1 pascal, D) 1 newton,   ● Ⓑ Ⓒ Ⓓ

11. Temperature of a normal human body is ....
    A) 0K, B) 32°F, C) 37°C, D) 89°F,   Ⓐ Ⓑ ● Ⓓ

12. .... is the best heat conductor
    A) aluminium, B) tin, C) copper, D) soft iron,   Ⓐ Ⓑ ● Ⓓ