ITI Quiz - 25-Feb-2026 02:17 PM

Q. ID: ITISKILL70776L

Dr. J. J. Magdum ITI college sambhajipur

February 2026 | Question Paper

Duration: 60 Mins | **Total Marks: 11** | **ID: ITISKILL70776L**

Student Name: _____ Roll No: _____

1. What is the centre of gravity of a semi circle of diameter 12 cm?

A) 2.54 cm
B) 2.24 cm
C) 3.25 cm
D) 2.75 cm

2. What is the centre of gravity of a sphere?

A) At the radius
B) At the diameter
C) At the centre
D) On the circumference

3. What is the centre of gravity of a right circular cone from its base?

A) h/4
B) h/3
C) h/5
D) h/2

4. What is the centre of gravity of a solid hemisphere from its base?

A) 3r/4
B) r/2
C) 4r/5
D) 3r/8

5. Which state of equilibrium's example is A cone resting on its tip?

A) Horizontal
B) Neutral
C) Stable
D) Unstable

6. Which affects the centre of gravity of the object?

A) Weight
B) Shape
C) Mass
D) Density

7. What is the centre of gravity of a rectangular body?

A) Longer side of rectangle
B) Shorter side of rectangle
C) At the corners
D) At the point of intersection of its diagonals

8. Which state of equilibrium's example is, A cone resting on its base?

A) Stable
B) Un-stable
C) Neutral
D) Bothe A and B

9. What is the name of the point at which all the weight of the body concentrated?

A) Central point
B) Centre of gravity
C) Initial point
D) Centroid

10. Which one of the following geometrical shapes centre of gravity lies from its base is 1/3 of its height?

A) Square
B) Triangle
C) Cone
D) Rhombus

11. Where the centre of gravity of a circle lies?

A) Any where on its diameter
B) Any where on its circumference
C) At its centre
D) Any where on its radius