

Monthly Test workshop calculation and science -OCTOBER 2025

Q. ID: ITISKILL6064AZ

October 2025

GOVT ITI VITTLA

Answer Key

Duration: 30 Mins

Total Marks: 5

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

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

Answer: D) At its centre

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

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

Answer: A) Centre of gravity

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

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

Answer: D) Unstable

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

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

Answer: A) Mass

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

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

Answer: C) At the point of intersection of its diagonals