

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

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

Answer: C) Unstable

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

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

Answer: B) At its centre

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

- A) Longer side of rectangle B) At the point of intersection of its diagonals

C) At the corners

D) Shorter side of rectangle

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

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

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

Answer: B) Centre of gravity

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

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

Answer: C) Mass