

# Monthly Test workshop calculation and science -OCTOBER 2025

Q. ID: ITISKILL6064AZ

October 2025

GOVT ITI VITTLA

Question Paper

Duration: 30 Mins

Total Marks: 5

ID: ITISKILL6064AZ

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

C) Any where on its radius D) Any where on its diameter

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

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

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

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

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

- A) At its centre
- B) Any where on its circumference

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

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