

June 2026

Govt ITI Beerihundi

Answer Key

Duration: 30 Mins

Total Marks: 6

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1. Which affects the centre of gravity of the object

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

Answer: B) Mass

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

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

Answer: A) Mass

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

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

Answer: D) $3r/8$

4. What is the unit of strain?

A) No unit

C) Kg/cm^2

Answer: A) No unit

B)

Newton/metre²

D) Metre

5. What is the process of heat treatment?

A) The process of cooling to measure the dimensions

C) The process of heating and cooling to change the structure and properties

Answer: C) The process of heating and cooling to change the structure and properties

B) The process of heating and bending as per our requirement

D) The process of heating to change the dimensions

6. Which is elastic material?

A) Celluloid

C) Polycarbonates

Answer: D) Nylon

B) Polystyrenes

D) Nylon