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Score: 5/6 (83.33%)

Code: 0025

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

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

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

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

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

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

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

- A) Stable
 B) Neutral
 C) **Unstable (Correct)**
 D) Horizontal

5. Which one of the following geometrical shape's centre of gravity lies from its base is $\frac{1}{3}$ of its height?

- A) Square
 B) Rhombus
 C) **Triangle (Correct)**
 D) Cone

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

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