

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

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

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

- A) Both A and B
- B) Un-stable
- C) Stable
- D) Neutral

20. What is the centre of gravity of a right circular cone from its base?

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

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

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

22. What is the ratio between stress and strain?

- A) Factor of safety
- B) Yield point
- C) Young's Modulus
- D) Poisson's ratio

23. What is the centre of gravity of a semi circle of diameter 12 cm?

- A) 2.54 cm
- B) 2.24 cm
- C) 3.25 cm
- D) 2.75 cm

24. What is the ratio of shear stress to shear strain?

- A) Bulk modulus
- B) Modulus of elasticity
- C) Yield point
- D) Modulus of rigidity

25. What is the centre of gravity of a right circular cone from its base?

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