

Trinity, College udhyavara udupi

ITI Quiz W/C - 07-Feb-2026 01:30 PM

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88.00% 22 / 25

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Attempt No.	#1	Completion Time	03:21 PM
Rank	#1	Total Questions	25

22 SCORE

25 MAX MARKS

22 CORRECT

3 INCORRECT

Answer Review

Q1 **CORRECT** Which affects the centre of gravity of the object?

A. Weight

B. Mass

C. Density

D. Shape

Q2 **CORRECT** 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

D. Central point

Q3 **CORRECT** Where the centre of gravity of a circle lies?

A. At its centre

B. Any where on its radius

C. Any where on its circumference

D. Any where on its diameter

Q4 **CORRECT** 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

D. At the corners

Q5 **CORRECT** What is the centre of gravity of a solid hemisphere from its base?

A. $4r/5$

B. $3r/8$

C. $3r/4$

D. $r/2$

Q6 **CORRECT** What is the centre of gravity of a sphere?

A. At the centre

B. On the circumference

C. At the diameter

D. At the radius

Q7 **CORRECT** Which state of equilibrium's example is A cone resting on its tip?

A. Stable

B. Neutral

C. Unstable

D. Horizontal

Q8 **CORRECT** Which one of the following geometrical shapes centre of gravity lies from its base is $\frac{1}{3}$ of its height?

A. Square

B. Rhombus

C. Triangle

D. Cone

Q9 **CORRECT** Which state of equilibrium's example is, A cone resting on its base?

A. Un-stable

B. Neutral

C. Stable

D. Bothe A and B

Q10 **INCORRECT** What is the centre of gravity of a semi circle of diameter 12 cm?

A. 2.24 cm

B. 2.54 cm

C. 3.25 cm

D. 2.75 cm

Q11 **INCORRECT** Which affects the centre of gravity of the object

A. Weight

B. Mass

C. Density

D. Shape

Q12 **CORRECT** 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

D. Central point

Q13 **CORRECT** Where the centre of gravity of a circle lies?

A. At its centre

B. Any where on its radius

C. Any where on its circumference

D. Any where on its diameter

Q14 **INCORRECT** What is the centre of gravity of a right circular cone from its base?

A. $h/2$

B. $h/3$

C. $h/4$

D. $h/5$

Q15 **CORRECT** 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

D. At the corners

Q16 **CORRECT** What is the centre of gravity of a solid hemisphere from its base?

A. $4r/5$

B. $3r/8$

C. $3r/4$

D. $r/2$

Q17 **CORRECT** What is the centre of gravity of a sphere?

A. At the centre

B. On the circumference

C. At the diameter

D. At the radius

Q18 **CORRECT** Which state of equilibrium's example is A cone resting on its tip?

A. Stable

B. Neutral

C. Unstable

D. Horizontal

Q19 **CORRECT** Which state of equilibrium's example is, A cone resting on its base?

A. Un-stable

B. Neutral

C. Stable

D. Bothe A and B

Q20 **CORRECT** What is the centre of gravity of a semi circle of diameter 12 cm?

A. 2.24 cm

B. 2.54 cm

C. 3.25 cm

D. 2.75 cm

Q21 **CORRECT** What is the term, if an article is purchased?

A. Selling price

B. Cost price

C. Margin price

D. Discount price

Q22 **CORRECT** Which is the short form of profit and loss statement?

A. P & L

B. PR & LS

C. PRO & LOS

D. L & P

Q23 **CORRECT** What is the profit amount, if the i - phone cost price is Rs.50000/- and selling price is Rs.70000/-?

A. Rs. 2000/-

B. Rs. 10000/-

C. Rs. 20000/-

D. Rs. 50000/-

Q24 **CORRECT** What is the simple interest for the principal amount of Rs.100000 at 10% per annum for 1 year period?

A. Rs.1000/-

B. Rs.5000/-

C. Rs.50000/-

D. Rs.10000/-

Q25 **CORRECT** What is the difference between the simple and the compound interest amount at 5% per annum for 2 years on a principal of Rs.20000/-?

A. Rs.5

B. Rs.25

C. Rs.50

D. Rs.55