Trinity, College udhyavara udupi

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

Q. ID: ITISKILL6125VN | February 2026

60.00% 15 / 25

Student Name	Sohan	Access Code	3101
Attempt No.	#1	Completion Time	03:26 PM
Rank	#2	Total Questions	25

15 SCORE	**25** MAX MARKS	**15** CORRECT	**10** INCORRECT

Answer Review

Q1 INCORRECT 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 INCORRECT 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 INCORRECT 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 INCORRECT 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 INCORRECT 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 1/3 of its height?

A. Square

B. Rhombus

C. Triangle

D. Cone

Q9 INCORRECT 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 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

Q11 CORRECT Which affects the centre of gravity of the object

A. Weight

B. Mass ☐

C. Density

D. Shape

Q12 INCORRECT 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 INCORRECT 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 CORRECT 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 INCORRECT 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 INCORRECT 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