

# Trinity, College udhyavara udupi

## ITI Quiz - 05-Mar-2026 04:05 PM

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Attempt No.	#2	Completion Time	04:25 PM
Rank	#1	Total Questions	25

12 SCORE

25 MAX MARKS

12 CORRECT

13 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 **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 right circular cone from its base?

A.  $h/2$

B.  $h/3$

C.  $h/4$

D.  $h/5$

Q5 **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

Q6 **INCORRECT** What is the centre of gravity of a solid hemisphere from its base?

A.  $4r/5$

B.  $3r/8$

C.  $3r/4$

D.  $r/2$

Q7 **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

Q8 **INCORRECT** Which state of equilibrium's example is A cone resting on its tip?

A. Stable

B. Neutral

C. Unstable

D. Horizontal

Q9 **CORRECT** 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

D. Cone

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** What is discount?

- A. Selling price is less than Cost price
- B. Selling price is greater than Cost price
- C. The reduction given to the selling price of a product
- D. Selling price + discount

Q12 **INCORRECT** What is the term, if an article is purchased?

- A. Selling price
- B. Cost price
- C. Margin price
- D. Discount price

Q13 **CORRECT** What is the expanded form of S.P?

- A. Selected Price
- B. Special Price
- C. Selling Price
- D. Super Price

Q14 **CORRECT** Which is the short form of profit and loss statement?

- A. P & L
- B. PR & LS
- C. PRO & LOS
- D. L & P

Q15 **CORRECT** How the years is denoted in simple interest calculations?

A. P

B. I

C. n

D. r

Q16 **INCORRECT** What is the formula to find Loss %?

A.  $(\text{Loss} \times 100) / (\text{C.P})$

B.  $(\text{C.P}) / (\text{Loss} \times 100)$

C.  $(\text{Loss} + 100) / (\text{S.P})$

D.  $(\text{S.P}) / (\text{Loss} + 100)$

Q17 **INCORRECT** What is the cost price (C.P) formula if there is a profit?

A.  $((100) / (100 - \text{Loss } \%)) \times \text{S.P}$

B.  $((100) / (100 + \text{Profit } \%)) \times \text{S.P}$

C.  $((100 + \text{Profit } \% ) / (100)) \times \text{C.P}$

D.  $((100 - \text{Loss } \% ) / (100)) \times \text{C.P}$

Q18 **INCORRECT** What is the formula to find selling price (S.P) if there is a loss?

A.  $((100) / (100 + \text{Profit } \%)) \times \text{S.P}$

B.  $((100 + \text{Profit } \% ) / (100)) \times \text{C.P}$

C.  $((100) / (100 - \text{Loss } \%)) \times \text{S.P}$

D.  $((100 - \text{Loss } \% ) / (100)) \times \text{C.P}$

Q19 **INCORRECT** What is the formula to find Profit %?

A.  $((C.P)/(\text{Profit})) \times 100$

B.  $((\text{Profit})/(S.P)) \times 100$

C.  $((S.P - C.P)/(\text{Profit})) \times 100$

D.  $((\text{Profit})/(C.P)) \times 100$

Q20 **CORRECT** What is the selling price, if the profit is 5% for a computer table bought at Rs.1150/- with Rs.50/- as a transport charge?

A. 1160

B. 1620

C. 1060

D. 1260

Q21 **CORRECT** What is the cost price if the product is sold at Rs. 572 with a profit of Rs. 72?

A. Rs. 500

B. Rs. 1000

C. Rs. 644

D. Rs. 472

Q22 **INCORRECT** What is the selling price if the cost price is Rs.7282/- with a profit of Rs.208?

A. Rs.7074

B. Rs.7698

C. Rs.7290

D. Rs.7490

**Q23** **INCORRECT** What is the matured amount for the deposit of Rs.5000/- and the simple interest earned for Rs.500/-?

A. Rs.4500

B. Rs.5500

C. Rs.6000

D. Rs.6500

**Q24** **INCORRECT** 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 maturity amount if Rs.20000 is deposited at 5% compound interest per annum for 2 years?

A. Rs.22000

B. Rs.22050

C. Rs.22500

D. Rs.25000