

# ITI Quiz - 05-Mar-2026

## 04:05 PM

Q. ID: ITISKILL8739P6

March 2026

Trinity, College udhyavara udupi

Answer Key

Duration: 60 Mins

Total Marks: 25

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

- A) Rs.50000/-                      B) Rs.1000/-  
C) Rs.10000/-                     D) Rs.5000/-

Answer: C) Rs.10000/-

2. What is the term, if an article is purchased?

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

Answer: B) Cost price

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

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

Answer: B) 2.54 cm

4. Which is the short form of profit and loss statement?

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

Answer: C) P & L

5. What is discount?

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

Answer: A) The reduction given to the selling price of a product

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

- A)  $((100)/(100-\text{Loss \%})) \times \text{S.P}$       B)  $((100-\text{Loss \%})/(100)) \times \text{C.P}$   
C)  $((100)/(100+\text{Profit \%})) \times \text{S.P}$       D)  $((100+\text{Profit \%})/(100)) \times \text{C.P}$

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

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

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

Answer: A)  $3r/8$

8. 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

Answer: B) Rs.22050

9. What is the centre of gravity of a sphere?

- A) On the circumference              B) At the centre  
C) At the diameter                      D) At the radius

Answer: B) At the centre

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

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

Answer: C) Centre of gravity

11. What is the expanded form of S.P?

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

Answer: D) Selling Price

12. 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) 1260                                 B) 1160  
C) 1620                                 D) 1060

Answer: A) 1260

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

- A) Horizontal                         B) Stable  
C) Unstable                             D) Neutral

Answer: C) Unstable

14. What is the formula to find Profit %?

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

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

15. How the years is denoted in simple interest calculations?

- A) P                                        B) n  
C) I                                        D) r

Answer: B) n

16. Which affects the centre of gravity of the object

- A) Density                                B) Mass

C) Weight

D) Shape

**Answer: B) Mass**

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

A) Rs. 1000

B) Rs. 644

C) Rs. 472

D) Rs. 500

**Answer: D) Rs. 500**

18. 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

**Answer: C) Triangle**

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

A) Rs.7290

B) Rs.7698

C) Rs.7490

D) Rs.7074

**Answer: C) Rs.7490**

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

A) Rs.4500

B) Rs.6500

C) Rs.5500

D) Rs.6000

**Answer: C) Rs.5500**

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

A) At its centre

B) Any where on its diameter

C) Any where on its radius

D) Any where on its circumference

**Answer: A) At its centre**

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

A)  $\frac{h}{5}$

B)  $\frac{h}{4}$

C)  $\frac{h}{3}$

D)  $\frac{h}{2}$

**Answer: B)  $\frac{h}{4}$**

23. What is the formula to find Loss %?

A)  $\frac{CP}{Loss \times 100}$

B)  $\frac{Loss \times 100}{C.P}$

C)  $\frac{S.P}{Loss + 100}$

D)  $\frac{Loss + 100}{S.P}$

**Answer: B)  $\frac{Loss \times 100}{C.P}$**

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

A)  $\frac{(100 + Profit \%)}{100} \times C.P$

B)  $\frac{100}{100 - Loss \%} \times S.P$

C)  $\frac{(100 - Loss \%)}{100} \times C.P$

D)  $\frac{100}{100 + Profit \%} \times S.P$

**Answer: C)  $\frac{(100 - Loss \%)}{100} \times C.P$**

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

A) At the point of intersection of its diagonals

B) At the corners

C) Longer side of rectangle

D) Shorter side of rectangle

**Answer: A) At the point of intersection of its diagonals**