ITI Quiz - 05-Mar-2026 04:05 PM Q. ID: ITISKILL8739P6

March 2026 **Trinity, College udhyavara udupi** Question Paper

Student: MOHAMMED HUSEIN MUJAVARA
Score: 7/25 (28.00%) **Code: 3672**

1. Which affects the centre of gravity of the object

A) Weight **B) Mass (Correct)**
C) Density D) Shape

2. 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 (Incorrect)

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

A) At its centre B) Any where on its radius (Incorrect)
C) Any where on its circumference D) Any where on its diameter

4. 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 (Incorrect)

5. 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 (Correct) D) At the corners

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

A) 4r/5 **B) 3r/8**
C) 3r/4 (Incorrect) D) r/2

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

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

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

A) Stable B) Neutral
C) Unstable (Correct) D) Horizontal

9. Which one of the following geometrical shape's centre of gravity lies from its base is 1/3 of its height?

A) Square B) Rhombus
C) Triangle (Correct) D) Cone

10. 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 (Incorrect)

11. 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 (Correct) D) Selling price + discount

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

A) Selling price **B) Cost price (Correct)**
C) Margin price D) Discount price

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

A) Selected Price B) Special Price (Incorrect)
C) Selling Price D) Super Price

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

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

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

A) P (Incorrect) B) I
C) n D) r

16. What is the formula to find Loss %?

A) (Lossx100)/(C.P) B) (CP)/(Lossx100)
C) (Loss+100)/(S.P) D) (S.P)/(Loss+100) (Incorrect)

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

A) ((100)/(100-Loss %))xS.P **B) ((100)/(100+Profit %))xS.P**
C) ((100+Profit %)/(100))xC.P (Incorrect) D) ((100-Loss %)/(100))xC.P

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

A) ((100)/(100+Profit %))xS.P (Incorrect) B) ((100+Profit %)/(100))xC.P

C) ((100)/(100-Loss %))xS.P

D) ((100-Loss %)/(100))xC.P

19. What is the formula to find Profit %?

A) ((C.P)/(Profit))x100

B) ((Profit)/(S.P))x100

C) ((S.P-C.P)/(Profit))x100

D) ((Profit)/(C.P))x100 (Correct)

20. 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 (Incorrect)

B) 1620

C) 1060

D) 1260

21. 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 (Incorrect)

D) Rs. 472

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

A) Rs.7074

B) Rs.7698 (Incorrect)

C) Rs.7290

D) Rs.7490

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

A) Rs.4500 (Incorrect)

B) Rs.5500

C) Rs.6000

D) Rs.6500

24. 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/- (Incorrect)

D) Rs.10000/-

25. 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 (Incorrect)

D) Rs.25000