

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory and carry equal marks.
  2. Use of Simple calculator is allowed.
  3. Figures to the right indicate full marks to each sub questions.

**Q.1**      **A)** Choose the correct alternative from the following. Attempt **any Eight**. **08**

- 1) Mutual funds are managed by -----.  
 a) Board of Directors  
 b) Asset management companies  
 c) SEBI  
 d) None of these
- 2) The simple interest on Rs.15,000 for 2 years at 10% p.a. is -----.  
 a) Rs.1,500  
 b) Rs.3,000  
 c) Rs.1,050  
 d) None of these
- 3) The percentage profit is calculated on ----- of an article.  
 a) List price  
 b) Selling price  
 c) Discounted list price  
 d) None of these
- 4) The units of a mutual fund must be purchased or redeemed in -----.  
 a) Whole numbers  
 b) Fractions  
 c) a) or b)  
 d) none of these
- 5) The difference between the market value and the net worth of a business is its -----.  
 a) Profit  
 b) Goodwill  
 c) Loss  
 d) None of these
- 6) The difference between simple and compound interest on an amount at  $r\%$  p.a. after one year is -----.  
 a) Zero  
 b) 100  
 c) One  
 d) None of these
- 7) If  $0.75:x::5:8$  then  $x$  is equal to -----.  
 a) 1.12  
 b) 1.2  
 c) 1.25  
 d) None of these

- 8) The compound interest in the 4<sup>th</sup> year at the rate 8% p.a. on Rs.3000 is -----.  
 a) Rs.3,023.3  
 b) Rs.3,000  
 c) Rs.3,030  
 d) None of these
- 9) If the payments of annuity are made at the beginning of each period the annuity is called -----.  
 a) Annuity due  
 b) Immediate annuity  
 c) Uniform annuity  
 d) None of these
- 10) The actual price received by an investor while selling the units back to the mutual fund scheme is known as -----.  
 a) Redemption price  
 b) Selling price  
 c) Return price  
 d) None of these

B) State whether following statements are true or false. Attempt **any seven**.

**07**

- 1) The amount of commission an agent receives is directly proportional to total transaction amount.
- 2) If the rate of discount and the net selling price of an article is known, its list price can be calculated.
- 3) The brokerage for a seller is to be added in sales value while calculating total amount the seller receives.
- 4) A mutual fund must have entry load and exit load.
- 5) SIP is used to invest a fixed sum of money at a regular interval.
- 6) The dividend given is calculated as a percentage of the face value of a share.
- 7) Par value and nominal value of share are same.
- 8) A quantity A is said to be in inverse proportion to another quantity B if an increase in one of them is accompanied by an increase in the other.
- 9) The fourth proportional to 2,4 and 8 is 21.
- 10) List price is also called as printed price or the catalogue price or market price.

**Q.2** A) After giving 25% trade discount and further 4% cash discount, a merchant made 19.52% profit, if the list price was Rs.16,600 find the merchant's cost price. **08**

B) A and B are partners sharing profit in the ratio 3:7. They admit a new partner C giving him  $\frac{3}{13}$  share in total profit. What will be A's and B's new share in total profit? In what ratio will A,B and C share the total profit? **07**

**OR**

**Q.2** C) A company fixed rate of commission to its salesman as follows: 4% of the first Rs.10,000, 6% on the next 10,000, 8% on next 90,000 and 10% on balance. The company pays incentive at  $\frac{1}{2}\%$  of total sales if the total sales crossed Rs.50,000. Find the total earning of the salesman who secured sales worth Rs.59,000. **08**

D) 12 furnaces consume 80Kg of coal in 12 days. In how many days will 16 furnaces consume 120 kgs? **07**

**Q.3** A) A particular sum of money amounts to Rs.5,13,216 in 2 years and Rs.5,54,273.28 in 3 years. Find the sum and the compound interest rate. **08**



- B) Find the present value of an immediate annuity of Rs.30,000 p.a. for 3 years with interest compounded at 8%p.a. **07**

**OR**

- Q.3** C) A person deposits Rs.15,000 at the end of each year for 3 years. What is the Accumulated amount at the end of 3 years taking interest compounded at 12% p.a. **08**

- D) A loan of Rs.80,000 is returned in 3 monthly installments at 12% p.a. find EMI using the flat interest rate. **07**

- Q.4** A) Two companies A and B have shares with face values of Rs.100 each and the market price of their shares are Rs.132 and Rs.140 respectively. If the dividends by the company A is 16% and the company B is 18%, which company is 'better' buy. **08**

- B) Sunita invested Rs.60,180 in ICICI mutual fund when NAV was Rs.236. she sold all the units when the NAV touched Rs.320. if the entry load is 2% and there is no exit load, find he's gain in the transaction **07**

**OR**

- Q.4** C) An investor bought 50 shares of a company at market value of Rs.350, the face value of each share being Rs.100. The Company declared a dividend of 20% on the shares. After receiving the dividend, he sold the shares at market value of Rs.340 per share. Find the gain/loss of the investor in the entire deal, the brokerage charges being at 0.3%. **08**

- D) Hitesh invested Rs.20,000 in a mutual fund with NAV = Rs.15.75. find the number of units acquired by him if **07**  
 i) There is no entry load  
 ii) The entry load is 2%

- Q.5** A) Explain types of Shares **08**

- B) Explain types of Variation **07**

**OR**

- Q.5** C) Write short note. Attempt **any three**. **15**

- a) Discount  
 b) Dividend  
 c) Ratio  
 d) Mutual fund & its types  
 e) Sinking fund

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