

Duration: - 2 ½ Hours

FYBAF -

Seat Number: - _____

C213A23BM (04)

Marks 75

Note: -

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Use of a simple calculator is allowed.

Q1) (A) Select the right answer from the following Multiple choice questions. (Any 8) **8 M**

- 1) If the face value of shares is rs. 100 at 10% premium value then market price of shares is _____.
a) 112 b) 121 c) 211 d) 110 (CO1,R)
- 2) A person who purchase shares is called _____.
a) Shareholder b) Debenture holder c) Creditors d) Debtors (CO2,R)
- 3) A sum of Rs. 50,000 accumulated to Rs. 82,000 after 8 years, in a bank. Find the rate of simple interest p.a., which was charged by the bank.
a) 10% B) 8% C) 5% D) 12% (CO1,R)
- 4) If the payments are paid at the beginning of each period, it is known as an _____.
a) Immediate Annuity B) Life Annuity C) Annuity Certain D) Annuity Due (CO1,R)
- 5) _____ means series of payments.
a) Annuity B) index numbers C) Interest D) Average (CO1,R)
- 6) The angles of a triangle are in the ratio 11:10:9 and the respective degree measures are
(a) $77^{\circ}, 70^{\circ}, 33^{\circ}$ (b) $66^{\circ}, 60^{\circ}, 54^{\circ}$ (c) $88^{\circ}, 80^{\circ}, 12^{\circ}$ (d) $60^{\circ}, 80^{\circ}, 40^{\circ}$ (CO2,R)
- 7) "C" indicates _____ in annuity.
a) condition b) contribution c) condition d) common factor (CO3,R)
- 8) EMI means _____ monthly installment.
a) Easy b) Equated c) extra d) every (CO2,R)
- 9) _____ is the income of agent.
a) interest b) Bonus c) Salary d) commission (CO1,R)
- 10) When NAV is not given in question it is taken as Rs.
a) 100 b) 20 c) 10 d) 50 (CO1,R)

Q1) (B) State whether the following statements are True or False.

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- 1) Market value of shares fixed by government. (CO1,R)
- 2) In mutual funds there is no risk of loss. (CO1,R)
- 3) Income from Shares is known as dividend. (CO2,R)
- 4) Ratio of equal angle triangles is 1:1:1. (CO3,R)
- 5) Discount is deduction in the price of goods. (CO2,R)
- 6) Simple interest is greater than compound interest. (CO1,R)
- 7) I.P.O. means interest protected option. (CO1,R)
- 8) RBI controls the company. (CO1,R)
- 9) When face value of shares is not given in question it is taken Rss. 100. (CO2,R)
- 10) In annuity we have to invest only once in the entire period. (CO3,R)

Q2) (A) MR. X, Mr. Y, and Mr. Z are partners with ratio 5:3:2 in the first six months the company gets profit of Rs. 300000 and in next six months the company gets profit of Rs. 200000. Find the profit of each partner in the entire year. (CO2, A)

8M

Q2) (B) Find three positive numbers in the ratio 3:5:2 such that the sum of their squares is equal to 2432. (CO3,A)

7M**OR**

Q2) (C) An agent sold a property of Rs. 50,00,000/- and charged 2% to seller and 1% to buyer. Find his income and amount received by the seller and paid by the buyer. (CO2,A)

8M

Q2) (D) An article is listed at Rs. 50000, after giving 25% Trade discount and 10% cash discount he sold the goods. If the cost was Rs. 30000. Find the profit and profit % earned by seller. (CO3,A)

7M

Q3) (A) Mr. Eknath invest Rs. 30000 for 5 years @ 10% p.a.c.i. find the amount if interest is compounded annually and quarterly basis. (CO 1,A) **8M**

Q3) (B) Mr. Shekhar invest Rs. 50000 and it becomes Rs. 70000 in 4 years find the rate of simple interest. (CO1,A) **7M**

OR

Q3) (C) IF $C = 20000$, $N = 4$, $R = 12\%$. Find Accumulate value of annuity on annual and monthly basis. (CO1,R) **8M**

Q3) (D) A loan of Rs. 300000 for 5 years @12% p.a.c.i. is applied by a person. Find his EMI on (i) RBM and (ii) FIR methods (CO3,A) **7M**

Q4) (A) Mr. Ritesh purchase 25 shares of j.n. ltd of fv 100 at 135 each brok 1%. Dividend received 15%. After a few days he sold all the shares at mv 140 and paid 1%. Find the profit and ROROI of Mr. Ritesh. (CO2 ,A) **8M**

Q4) (B) Mr. Salman purchase 200 shares of Aishwariya Ltd. FV 100 at 125 per share brokerage paid 2% on purchase. He got a 30% dividend on shares. Find total investment and dividend. (CO1,U,A) **7M**

OR

Q4) (C) Mr. Manav purchased 325 units of "TVS india incorporation ltd." at NAV of Rs. 1230.45 with entry load of 1%. He gets a 20% dividend and after 3 months of purchase he sold all the units at Rs. 1485.25 per unit with exit load of 1.5%. Find the rate of returns of investment. (CO3,R,A) **8M**

Q4) (D) Mr. Dev started a SIP investment for 5 months for Rs. 20000, at NAV of 45, 47,48,46 with entry load of 2%. Find the average cost and Arithmetic mean. (CO2,4,A) **7M**

Q5) Write Short Notes (Any 3) **15M**

- 1) Distinguish between Simple interest and Compound Interest (CO2,U)
- 2) Annuity and types (CO3,R)
- 3) Shares and types of shares (CO1,U)
- 4) Discount and type of discount (CO4,R)
- 5) Dividend (CO2,U)

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