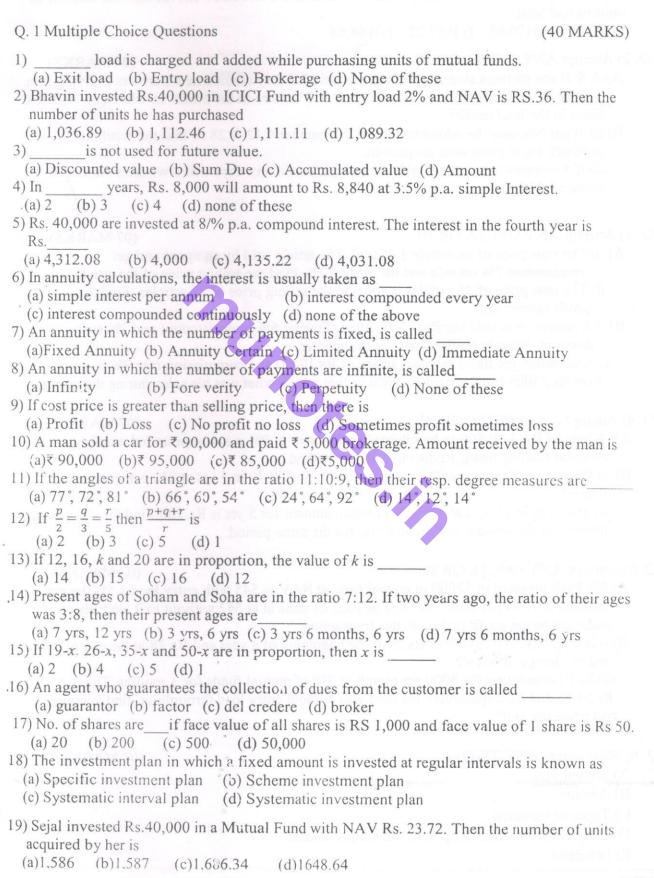
## 120522

## VCD......FYBAF SEM II QUANTITATE METHOD 75 MAKES 2 HRS 30 MIN



20) Karan sold LIC fund of Rs.7525 whose exit load is 2% and NAV Rs.45. then the number of units he had sold

(a)172.64 (b)170.63 (c)167.22 (d)168.68

Q. 2) Attempt ANY ONE [A OR B]

(07 MARKS)

- A) A & B are partners sharing profit in the ratio 3:7 they admit a new partners C giving him 3 share in the total profit. What will be A & B's share in the profit. In what ratio A,B & C share in the total profit?
- B) (i) What No. must be added to each of the number 4,12 & 28 so that the resulting numbers are in continued proportion.
  - (ii) if 4 workers can make 3 tables in 6 days, how many days will 8 workers require to make 5 tables.

Q. 3) Attempt ANY ONE [A OR B]

(07 MARKS)

- A) i) The cost price of an article 1,45,000. The article sold by an agent and get commission 7% on sale and net profit 12%. Find the selling price of the article
  - ii) The cost price of 45 articles is equal to the selling price of 32 articles. Find the profit percentage.
- B) i) A scooter was sold for Rs. 42500 after allowing 6% trade discount and 2% cash discount. What is marked price of the scooter.
  - ii) A salesman get fixed monthly salary of Rs.10000 and commission rate 9% on sales over Rs.35000. If he earned Rs.8000 in that month what was his sales during the month.

Q. 4) Attempt ANY ONE [A OR B]

(07 MARKS)

- A) A loan of Rs. 3,10,500 to be returned in 1 34 year at 9% p.a. compounded monthly. Find the EMI by using Reducing balance method.
- B) i) What sum of money will amount to Rs.40, 31,078.40 in 3 yrs at 8% p.a. compound interest?
  - ii) The simple interest at 10% on a certain amount for 5 yrs is Rs.700. Find the compound interest on the amount at the same rate for the same period.

Q. 5) Attempt ANY ONE [A OR B]

(07 MARKS)

- A) Mt. Patil invested rs.52000 in mutual fund at NAV rs 545 with entry load 1.5%, he get dividend at rs 14 per unit. after that he sold all units at rs 542 without exit load. How much did he get profit or loss in this transaction.
- B) i) If the NAV of a fund was Rs 24 at the beginning of a year and Rs 28 at the end of year, find % change of NAV?
  - ii)Mrs.Chetan invest Rs 5000 per month in SIP of mutual funds for 3 months. The NAVR Rs 54,55 and 62 respectively the fund was without entry load throughout, find average cost price per unit?

Q. 6) Short notes (ANY TWO)

(07 MARKS)

- A) Mutual fund
- B) Annuity
- C) Types of variation
  - D) Difference between compound and simple interest
  - E) Dividend