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Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8=50, will be treated as malpractice. Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

6? (06 Marks)



17ME51

c. A publication house offers a 3 year subscription for a down payment of Rs 1000 or a 5 years subscription for down payment of Rs 1250. Magazines worth Rs 520 are dispatched every year. Compare the two offers at 14% p.a. using present worth method. (10 Marks)

OR

a. Explain present worth comparison method involving assets having infinite lives. (10 Marks)
 b. A refining company entered into a contract for raw materials with an agreement to pay Rs 6,00,000 now and Rs 150,000 per year beginning at the end of 5th year. The contract was made for 10 years. At the end of 3rd year, because of unexpected profits, the company requested that it be allowed to make a lump – sum payment in advance for the rest of the contract. Both parties agreed that 7% compounded annually was a fair interest rate. What was the amount of the lump – sum? (10 Marks)

Module-5

9 a. Define Depreciation. Explain its causes.

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- D. Initial cost Rs 150,000 ; Salvage value = Rs 10,000 ; Life = 10 years.
 Find the depreciation amount and book value in 5th and 8th year using i) Straight line method ii) Declining balance method iii) Sum of years digit method. (07 Marks)
- c. A company produces 500 units of a product per day. Direct materials involved is Rs 40,000, Direct labour Rs 35,000 and Factory overheads Rs 10,000. If the profit is 15% of selling price and selling overheads are30% of factory cost. Calculate selling price per unit.(07 Marks)

OR

- 10 a. Explain how selling price is established giving all components of cost.
 - b. A company purchased an equipment whose first cost is Rs 2,00,000 with an estimated life of 8 years. The estimated salvage value of the equipment is Rs 40,000 at the end of its life. Determine the depreciation charge and book value at the end of each year using SYD method.
 - c. An equipment with an initial cost of Rs 70,000 has a life of 5 years, with a salvage value of Rs 10,000. Determine the depreciation charge and book value at the end of 3rd year. Use Double declining balance method.
 (06 Marks)

(06 Marks)

(06 Marks)