

PART - C (6 × 11 = 66 Marks)

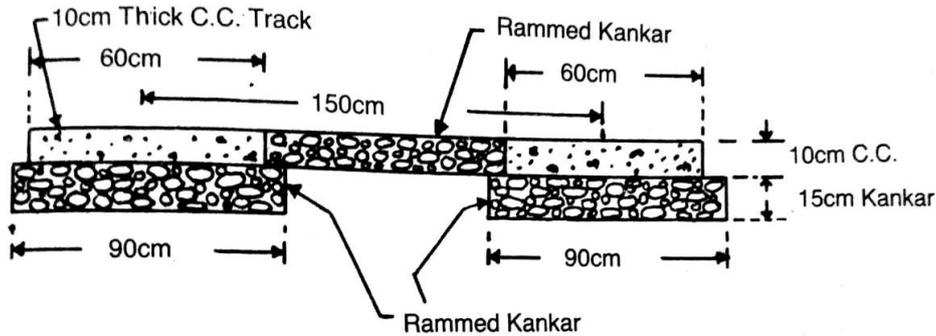
Answer ALL Questions

23. a) Explain the various methods of estimating the quantities of buildings. 11 K2 CO1

OR

- b) Show a detailed estimate for the 'cement concrete road' as given in the figure. 11 K2 CO1

Assure suitable rates.



24. a) Solve the analysis of rate of R.C.C. work 1:1.5:3 for 5 columns of size 250mm x 350mm. Assume the required data. 11 K3 CO2

OR

- b) Solve the analysis of rate for centering and shuttering of a RCC beam of size 60cm x 30cm to a span of 8m. Assume 4.5m as the height of room and any required data. 11 K3 CO2

25. a) Illustrate a general specification of first-class buildings. 11 K2 CO3

OR

- b) Summarize a report on estimate for construction of residential building. 11 K2 CO3

26. a) Explain in detail about E-Tender. 11 K2 CO4

OR

- b) Summarize the important particulars in tender documents and describe about it. 11 K2 CO4

27. a) Explain the each and every heading and items for the preparation of contract document. 11 K2 CO5

OR

- b) Describe the Conditions for Contract system. 11 K2 CO5

28. a) Explain in detail about various methods of Valuation. 11 K2 CO6

OR

- b) Show the annual rent of a building with the following data. 11 K2 CO6

Cost of land=Rs.20,000/-

Cost of building= Rs.80,000/-Estimated life = 80years

Return expected =5% on land and 6% on building

Annual repairs are expected to be 0.7% of the cost construction and other outgoings will be 25% of the gross rent. There is no proposal to setup a sinking fund.