

31064 – Estimating and Costing II

UNIT 1

PART – A&B (2&3 MARK)

1. What do you mean by specification?
2. Explain the types of specification.
3. What are the essential requirements of specification?
4. What are the general and technical provisions for detailed specification?
5. Write the specification for sand, brick, timber, cement.
6. Write the general specification for foundation.
7. What do you mean by report?
8. What are the documents accompany to report?
9. Explain the importance of report.
10. What is general specification?

PART – C (10 MARK)

1. Write the general specification for building.
2. Write the general specifications for culvert.
3. Write the general specification for road.
4. Write the detail specification for foundation.
5. Write the detail specification for tar road.
6. Write the report about newly constructing school building.

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UNIT 2

PART – A&B (2&3 MARKS)

1. Define value.
2. Differentiate the value and cost.
3. What is net income?
4. What is capitalized value?
5. Define sinking fund.
6. Define amortization.
7. Define mortgage.
8. Define lease.
9. Define rent?
10. What is fair rent?
11. How to fix the rent for private building.
12. How to fix the rent for government building.

PART – C (10 MARK)

1. Problems on rent calculation.
2. Problems on sinking fund calculations.
3. The building and land was purchased at the cost of 24L and 6L. The age of the building is 24 years. Now a day the building and land cost was increased at 12%, 123%. Find out the value of building and also calculate the rent of the building, assume the out goings is 3%. Assume the another necessary data for value calculation.
4. What are the different methods of valuation of building explain.
5. Differentiate scrap value and salvage value
6. A building was purchased at 5L, age of building was 26 years and life time of building was 56 years, the rate of interest was 2% find out the book value of building. By using constant percentage method, sinking fund method
7. The building was purchased at 22L, it has a 22% of land and remaining building cost .the rate of depreciation was 2%. The age of building was 22 years find out the rent. Assume now a day's 25% of building cost was increased.
8. A land of 400m² was purchased in the year 2000 at a rate of Rs.200 per m² including stamp duty. In the same year Rs.50000 had been spent towards the development of the site including fencing. A residential building with a plinth area of 120m² was built at a net cost of Rs.4000 per m² inclusive of all provisions in the year 2002. Allowing 6% rate of interest on capita, 5% increase per annum in the cost of construction and 2% rate of depreciation on building value. Determine the value of the property in the year 2008.

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UNIT 3

PART – A&B (2&3 MARKS)

1. What do you mean by abstract estimate?
2. What are the uses of rate analysis?
3. Define rates?
4. What is lead statement?
5. What is lead?
6. What is the boiling point of tar?
7. What is main data?
8. Define sub data.
9. What is difference between quantity analysis and rate analysis?
10. Differentiate the lead amount and estimated amount?

PART – C (10 MARKS)

1. Analysis the rates for septic tank.
2. Analysis the rates for water tank.
3. Analysis the rate for C.C road or tar road.
4. Analysis the rate for stoneware pipe.
5. Analysis the rate for bridge and culvert.

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UNIT 4

PART – A&B (2&3 MARKS)

1. What are the purposes of staining wall?
2. What is septic tank effluent?
3. What is trade system?
4. What is group system?

PART – C (10 MARKS)

1. Calculate the all quantities on septic tank with soak pit.
2. Calculate the all quantities for well.
3. Calculate the all quantities of elevated water tank.

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UNIT 5

PART – A&B (2&3 MARKS)

1. What is wing wall?
2. Why we are provide the wing wall?
3. What is camper?
4. What is the ratio of central rise of road?
5. Why kerb is provide to the sides on road?
6. Which purpose coping provided on the bridge?
7. What is guard stone?

PART – C (10 MARKS)

1. Detailed estimate the ph structure of culvert by trade system.
2. Detailed estimate the ph structure of T Beam Bridge.
3. Detailed estimates the ph structure of road by trade system.