



SIDDHARTH GROUP OF INSTITUTIONS :: PUTTUR
Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code : ECV(13A01605)

Course & Branch: B.Tech - CE

Year & Sem: IV-B.Tech & I-Sem

Regulation: R13

UNIT – V

Rate Analysis & Valuation

1. Evaluate the cost of the following items of work;
 - (a) Pointing with CM (1:2).
 - (b) Cement Concrete (1: 11/2: 3).
 - (c) C.C.D.P.C of 2.5cm.
2. Evaluate the cost of the following items of work:
 - (a) CR masonry with CM (1:8).
 - (b) External plastering with CM (1:6) of 20mm thick.
 - (c) Foundation Concrete (1:4:8)
3. Evaluate the cost of the following items of work;
 - (a) Lime Mortar (1 : 11/2).
 - (b) White wash and color Wash - (2 coats).
 - (c) Roofing with R.C.C roof of 10 cm thick.
4. Evaluate the cost of the following items of work.
 - (a) Brick Masonry in super structure with CM 1:6.
 - (b) Plastering with CM (1:4) of 12 mm thick.
 - (c) Flooring with Kadapa slabs.
5.
 - (a) Calculate the rate of 2.5 cm thick D.P.C with cement and sand in (1:2)
 - (b) Calculate the rate of 50 sq. m of 12 mm thick plastering in cm (1:3) for first floor.
6.
 - (a) Calculate the rate for 10 cum of RCC (1:2:4) for foundation
 - (b) Prepare rate analysis for painting one coat over a coat of priming
7.
 - (a) Explain the concept of sinking fund.
 - (b) A leasehold property is to produce a net income of Rs. 5,000/- per annum for the next 60 years. Estimate the value of the property: Assume that the owner requires a return of 6% on his capital and that a sinking fund to replace the capital is also to be accumulated at 6%.

8. (a) Define valuation. Explain briefly the valuation methods.
(b) An old building has been purchased by a person @ a cost of Rs.4, 00,000 excluding the cost of land. Calculate the amount of annual sinking fund @ 8% interest assuming the life of the building as 25 years and the scrap value of the building as 10 % of the purchase.
9. (a) Explain about Mortgage and how to fix the rent of government buildings.
(b) A building is situated by the side of a main road of Anantapur on land of 500 sq m. The built up portion is 20 X 15m. The building is 1st class type provided with water supply, sanitary and electrical fitting and the age of the building is 30 years. Work out the valuation of the property.
10. Write briefly about the following:
- (a) Salvage Value.
 - (b) Scrap value.
 - (c) Annuity.
 - (d) Book Value.
 - (e) Obsolescence.

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