

BE Semester-VII
(CIVIL ENGINEERING)

Question Bank

CE801 Civil Engineering Practices and Valuation

All questions carry equal marks(10 marks)

Q.1	What are the purposes of estimating?
Q.2	Enlist the different types of estimates? Explain detailed estimate
Q.3	Explain the revised estimates
Q.4	Compare the revised estimate and Supplementary estimate
Q.5	Explain Repair estimate
Q.6	What are the factors to be considered during preparation of a detailed estimate? Explain
Q.7	Write a short note on “Work Charged Establishment”
Q.8	Write a short note on “Schedule of Rates and Bill of Quantity”
Q.9	Explain the procedure of Administrative approval and technical sanction
Q.10	What is analysis of rate? What are the purposes of Rate analysis?
Q.11	What are the factors affecting Rate analysis? Explain
Q.12	Estimate the following from the Fig 1 of pump house with under ground tank a) Excavation in earth for the tank and wall foundation b) Brick masonry in 1:6 cement mortar in superstructure c) Flooring for the tank and pump house
Q.13	Carry out rate analysis for BBCC in foundation with 25 mm down aggregates in proportion (1:3:6) considering 10 cum volume.
Q.14	Carry out rate analysis for Cement Concrete (1:1.5:3) in foundation with 20 mm down aggregates considering 10 cum volume.
Q.15	Carry out rate analysis for Cement Concrete proportion (1:1:2) in foundation with 20 mm down aggregates considering 10 cum volume.
Q.16	Carry out rate analysis for First Class Brickwork in cement mortar proportion (1:4) in superstructure considering 10 cum volume.

Q.17	Carry out rate analysis for Half Brick wall in cement mortar proportion (1:3) in superstructure considering 100 sqm.
Q.18	Carry out rate analysis for 20 mm thick cement plaster of mortar proportion (1:4) in superstructure considering 100 sqm.
Q.19	Carry out rate analysis for 8 mm thick cement plaster of mortar proportion (1:3) to R.C.C. ceiling considering 100 sqm.
Q.20	Explain the necessity of specifications?
Q.21	Explain the types of specifications
Q.22	Explain the advantages and dis advantages of open specifications.
Q.23	Write a detailed specifications for Cement concrete in the slab
Q.24	Write a detailed specification for Brick masonry in the foundation.
Q.25	Write a detailed specification for Half brick partition wall in cement mortar
Q.26	Write a detailed specification for Damp proof course
Q.27	Write a detailed specification for Cement plastering on the brick wall
Q.28	Explain the essentials of contract.
Q.29	Explain Item Rate and Percentage rate contract in detail.
Q.30	Explain Lump sum and Labour contract in detail
Q.31	Explain Piece Work Agreement and Material supply contract.
Q.32	What is tender? What are the tender documents? Explain in detail.
Q.33	Write a "Tender Notice" for the construction of Post office having the estimated cost of Rs. 1 Crore.
Q.34	What is informal tender and Unbalanced tender? Explain
Q.35	Explain the conditions of contract.
Q.36	Explain – Security deposit, Earnest money, Retention money, Liquidated damage
Q.37	What are the purposes of valuation? Explain in detail.
Q.38	Define – Scrap value, Salvage value, Market value, Book value, Assessed value, Replacement value, Potential value, Sentimental value, Monopoly value, Speculative value.
Q.39	Explain various types of Rents in detail.
Q.40	Explain the various methods of determining depreciation.

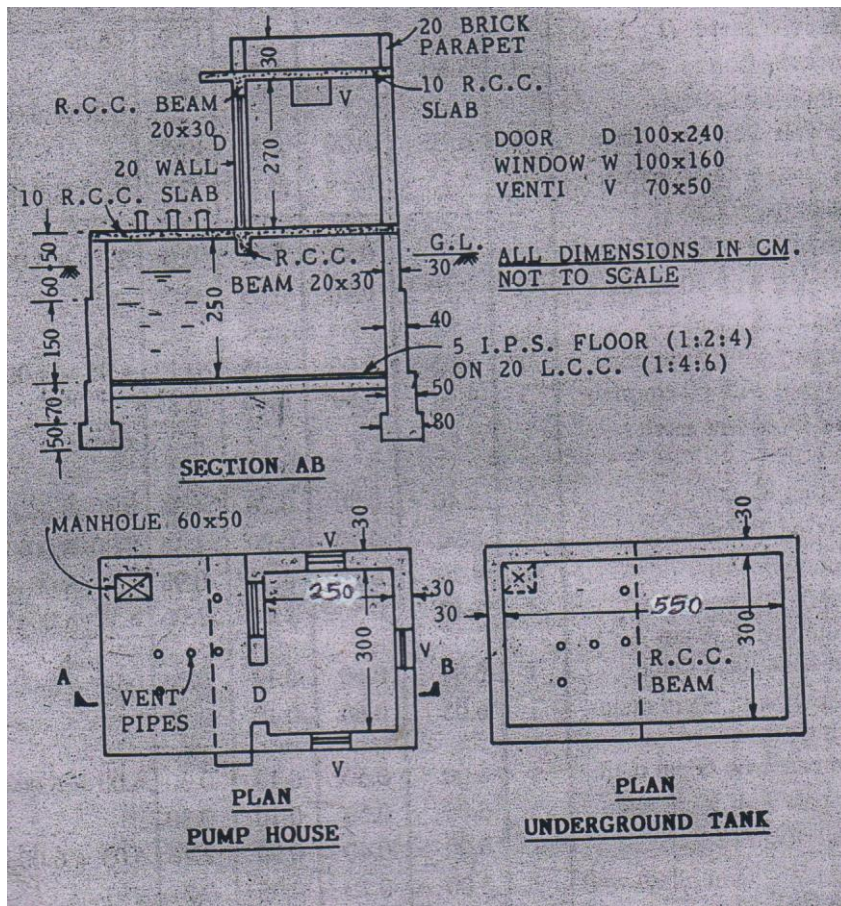


Fig 1 PUMP HOUSE WITH UNDER GROUND TANK