



QP CODE: 24804317

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Reg No :

Name :

B.ARCH DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, AUGUST 2024

Sixth Semester

BACHELOR OF ARCHITECTURE

19AR06005 - SPECIFICATION AND COST ESTIMATION

2019 Admission Owards

0D89B004

Time: 3 Hours

Max. Marks : 100

Part A

Answer any six questions out of Eight.

Each question carries 5 marks.

1. Mention the units for the following items : (i) Flooring (ii) Masonry (iii) Plastering (iv) Boundary Wall (v) Window.
2. Explain Maintenance estimate.
3. What is the difference between bill of quantities and schedule of rates?
4. Analyse the duties of CPWD and PWD.
5. Significance of specification in construction.
6. What is Schedule of Rates?
7. What are the Elements of Rate Analysis of Civil Works?
8. Enumerate the methods of valuation of land.

(6×5=30)

Part B

Answer any four questions out of six.

Each question carries 10 marks.

9. Explain the basic components of estimate.
10. Analyse cubic rate estimate for building and approximate quantity method estimate.
11. Describe the steps involved in developing specification guidelines.





12. Describe the specifications for colour washing and distempering.
13. Explain in detail about the standard data for man hours and machineries in civil works.
14. Explain outgoings and its different types.

(4×10=40)

Part C

Answer any two questions out of Four.

Each question carries 15 marks.

15. Explain the major parts of BOQ . Describe the basic format of BOQ .
16. Analyse specification and its types. Also state the purpose of writing the specification.
17. Write the specification for RCC (1:1.5:3) for slabs, beams, lintels and staircase.
18. Estimate the quantities of materials required and analyse the rate of brick masonry in cement mortar 1:5. Adopt local market rate.

(2×15=30)

