

S.B. Roll No.....

QUANTITY SURVEYING & VALUATION
6th Exam/Civil/5156/Nov'18

Duration: 3Hrs.

M.Marks:75

SECTION-A

Q1. State the Units of Measurement for the following items of Work.

10x1=10

- a. Concrete
- b. Brick Work
- c. Earth Work
- d. Cement Plaster
- e. Steel Work
- f. Cement Drip Course
- g. D.P.C
- h. Flooring
- i. Skirting
- j. White Washing

Q2. Fill in the blanks.

5x1=5

- i. No. of bricks for 1 cu.m Brick Masonry is _____.
- ii. One Bag of Cement = _____ cu.m
- iii. The Attendance of Laborers' is recorded daily in _____.
- iv. The Amount submitted by Contractor as the guarantee of Tender is called _____.
- v. The Loss in the value of Property due to structural deterioration is called _____.

SECTION-B

Q3. Attempt any five questions.

5x6=30

- a. Find out the Dry Materials required for 1 cu.m Brick Masonry in Cement Mortar 1:5.
- b. Find out the Dry Materials required for 10 sq.m Cement Plaster 1:4 (1.25 cm thick).
- c. Find out the Dry Materials required for 1 cu.m Cement Concrete 1:2:4.
- d. What is Valuation? Write down the purpose of Valuation.
- e. Define Tender. Write the names of various Tender Documents.
- f. Write a short note on Depreciation of Buildings and different types of Building Estimates.
- g. Define the following terms:
1. Earnest Money 2. Administrative Approval.
- h. Write a short note on Muster Role and Lump Sum Contract.

SECTION-C

Attempt any three Questions.

10x3=30

Q4. A short Link Road to be constructed entirely in Cutting at a uniform rising gradient 1 in 30, the NSL is given below:

R.D (m)	NSL (m)
0	70.50
30	69.30
60	71.40
90	74.00
120	75.10
150	76.10

If the Formation Level at RD 0 is 75.00 metre, Estimate the Quantity of Cutting for the Formation Width of 10 m. The Side Slope is 2:1 and there is no cross-slope. Also find out the Cost of Cutting @ Rs. 450 % cu.m.

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Q5. Prepare the Analysis of Rate for 10 cu.m of Cement Concrete 1:2:4 from the following data:

Labour for 10 cu.m

Mason: 1 no. @Rs. 300 per day

Labour: 15 no. @Rs. 200 per day

Water Man: 2 no. @ Rs. 250 per day.

Cost of Material

Cement: Rs. 300 per Bag

Sand: Rs. 600 per cu.m

Bajri: Rs. 1200 per cu.m.

Q6. Define Contract and explain its different types.

Q7. Explain the following terms:

- Sinking Fund
- Scrap Value
- Capital Cost
- Gross Income
- Year Purchase

Q8. Explain in detail the various methods of Valuation.

Q9. Work out the Quantities of the following Items from the given Drawing of a Room: 4.0m x 3.60m;

- Excavation for Foundation
- P.C.C in Foundation (1:5:10)
- Brick Masonry in Foundation upto Plinth, laid in C.M.1:5
- Brick Masonry in Superstructure, laid in C.M.1:5

