



(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 181605**

Roll No.

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## B. Arch.

### (SEM. VI) THEORY EXAMINATION, 2014-15 SPECIFICATION & ESTIMATION

Time : 3 Hours]

[Total Marks : 50

- Note:- (1) Attempt four question in all Q. No.1 is compulsory.  
(2) Assume any missing data.

1. Estimate the quantities of any three of the following items of drawing given below. 20

- (a)
- (b) Brick work in super structure.
- (c) R.C.C. work in roof slab & Lintel band
- (d) Inside Plaster on internal walls & Ceiling
- (e) C.C Flooring including skirting.

2. Write detailed specifications of any **two** of the following items of work. 10

- (a) Brick work in foundations.
- (b) Earth work in foundations

(c) Plastering with cement mortar on ceiling

3. Define the following terms: 10

(a) Plinth Area

(b) Carpet Area

(c) Floor Area

(d) Supplementary estimate

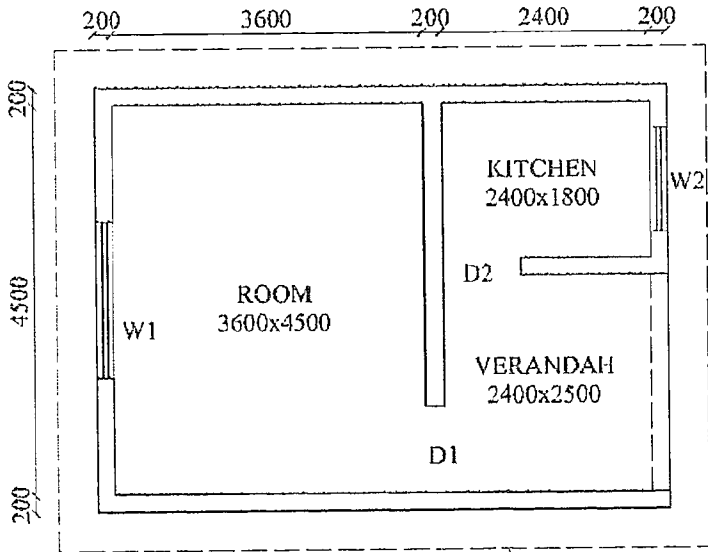
4. Analysis of rate of any **two** of the following 10

(a) 7.5 cm thick cement concrete 1:4:8 in the flooring

(b) 1<sup>st</sup> class brick work in super structure with 20x10x10 cm brick  
with 1:6 cement mortar

(c) R.C.C. Work in Beam, Slab etc. in 1:2:4.

5. Identify the purpose of estimating. How a detailed estimate is prepared? 10



ALL WALLS ARE 200 MM THICK  
ALL DIMENSIONS ARE IN MM

450 mm roof  
projection all side

D1- 1000x2100  
D2- 900x2100  
W1- 1800x1500  
W2- 1200x1050  
WOODEN FRAME 100X75

Floor to Ceiling height- 3000mm  
R.C.C. roof slab thickness- 120mm  
R.C.C. band at lintel level- 150mm  
Lintel height- 2100mm