

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

Paper ID : 181605

Roll No.

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B. Arch.

Theory Examination (Semester-VI) 2015-16

SPECIFICATIONS & ESTIMATION

Time : 3 Hours

Max. Marks : 100

Note : i. Section A is compulsory.

ii. Draw neat and labeled sketches wherever required

Section-A

Q1. Estimate the quantities of the following items of work in a chowkidar cottage. The cottage consists of one room of size 4.0 m X 3.0. (With one door of size 1.0X 2.1 m and one window of size 1.2 m X 1.2 m.) and one toilet of size 1.5 m X 2.0m (with one door of size 0.75 X 2.1 m and one ventilator of size 0.6 X 0.6m). Floor to ceiling height is 3.0 m and lintel height is 2.1 m. Assume any missing data.

i. Brick work in superstructure.

- ii. Cement plaster on the walls.
- iii. Ceiling plaster.
- iv. RCC work in slabs. (4×10=40)

Section-B

Note: Attempt any Three parts : **(3×20=60)**

Q2. Write detailed specifications of **any four** of the followings:

- a. Earth work in excavation of foundation.
- b. Inside Cement plaster on walls.
- c. R.C.C. slab in a building.
- d. Lime concrete in foundation.
- e. Brickwork in super structure.

Q3. Define Analysis of rate and describe the procedure adopted to fix up rate per unit of an item.

Q4. Write short notes on **any two** of the following:

- a. Muster Roll

- b. Measurement book.
 - c. Purpose of Store.
- Q5. What are different types of estimates? Discuss in detail their merits and demerits.
- Q6. Define specifications and identify the necessity and principles of specifications followed universally?



