

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN – SEMESTER II • EXAMINATION – SUMMER 2015

Subject Code: 1025503**Date: 01/06/2015****Subject Name: Specification Estimation and Valuation****Time: 10.30am-12.30pm****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable sketches wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (A) 1) The order of booking dimensions is**06**

- a) Length, breadth, height
 - b) Breadth, length, height
 - c) Height, breadth, length
 - d) None of these
- 2) Pick up the item of work not included in the plinth area estimate
- a) Wall thickness
 - b) Room area
 - c) Verandah area
 - d) Courtyard area.
- 3) The brick work is measured in sq metre, in case of
- a) Honey comb brick work
 - b) Brick flat soling
 - c) Half brick walls or the partition
 - d) All the above.
- 4) Brick walls are measured in sq. m if the thickness of the wall is
- a) 10 cm
 - b) 15 cm
 - c) 20 cm
 - d) None of these.
- 5) In long and short wall method of estimation, the length of long wall is the centre to centre distance between the walls and
- a) Breadth of the wall
 - b) Half breadth of wall on each side
 - c) One fourth breadth of wall on each side
 - d) None of these.

- 6) While preparing a detailed estimate
- Dimension should be measured correct to 0.01 m
 - Area should be measured correct to 0.01 sqm
 - Volume should be measured correct to 0.01 cum
 - All the above

(B) Explain difference with example between Cost, Prize and Value. 04

Q.2 (A) Give Detail specification for Electrical Work. 07

(B) Give general specification for Expanded polystyrene boards. 03

OR

(B) Give general specification for Bricks. 03

Q.3 (A) Enlist different forms of value. 05

(B) Brief Monopoly value and speculative. 05

OR

Q.3 (A) Difference between Depreciation and Obsolescence. 05

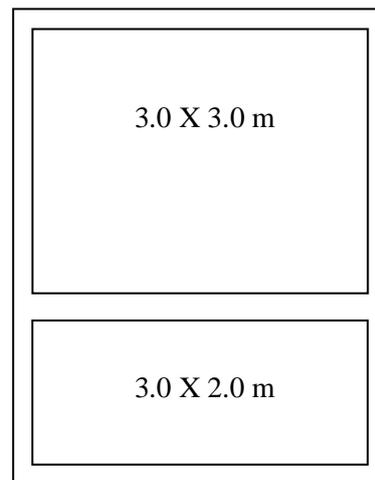
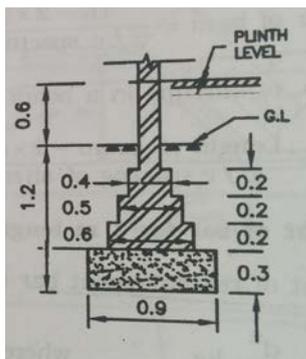
(B) Importance of Tender fee, Earnest money deposit and Security deposit. 05

Q.4 (A) Brief Important Aspect of the design of a Specification. 10

OR

Q.4 (A) Principles of specification Writing. 10

Q.5 (A) Give Estimate of below figure. Take thickness of wall as 0.3 m 10



OR

PTO

Q.5 (A) Give Estimate of Figure (A). The general specifications are as follows

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- a) The foundation concrete is to be of BCC (1:6:12)
- b) The brick work is first class in c.m. (1:6)
- c) The riser of steps are to be finished with 12 mm thick sagol finish cement plaster in c.m. (1:4)
- d) The treads of the steps are to be finished with polished kotah stone flooring.

