

56238.A

Name:

Reg.No.

EIGHTH SEMESTER B.TECH DEGREE EXAMINATION, JUNE 2009

CE.04.801 Quantity Surveying and Valuation

Time: Three hours

Maximum: 100 Marks

Answer All questions

Part A

(8 X 5 = 40)

1. What is conveyance statement? How do you prepare that?
2. What are the purposes of valuation?
3. Classify the sanitary fittings traps.
4. Explain unit rate method.
5. Discuss about constant percentage method.
6. Discuss about belting method.
7. Explain bay method.
8. What are the data necessary to make out estimation? (8 X 5 = 40)

Part B

(4 X 15 = 60)

9. What is centre line method? Explain the estimating procedure for centre line method?

(OR)

10. What is the difference between individual wall method and centre line method? Explain it with example.

(Contd...2)

11. Explain the following terms.

- (i) Plinth area method
- (ii) Cubic rate method.
- (iii) Approximate quantity from bill method.
- (iv) Maintenance estimate.

(OR)

12. a) How do you do the earthwork estimates for roads ?

b) Prepare a detailed estimate for supplying and laying 200 mm dia, Glazed stoneware pipe for 250 m length joining with 1: 2 cement mortar including trenching up to a depth of 150 cm. Estimate should be prepared to include all materials.

13. Prepare a bar bending schedule for simply supported and continue beam and one way and two way slab.

(OR)

14. Prepare a detailed estimate for doors and windows of Fig. 1.

15. Explain the following terms.

- i) Straight line method.
- ii) Constant percentage method.
- iii) S.F method.
- iv) Profit based method.

(OR)

16. What is depreciation? What are the different methods to estimate the depreciation? Explain each method in detail.

(Contd...3)