

Total No. of Printed Pages:2

SUBJECT CODE NO:- H-181
FACULTY OF SCIENCE AND TECHNOLOGY
B.E. (Civil)
Professional Practice
(REVISED)

[Time: Three Hours]

[Max.Marks:80]

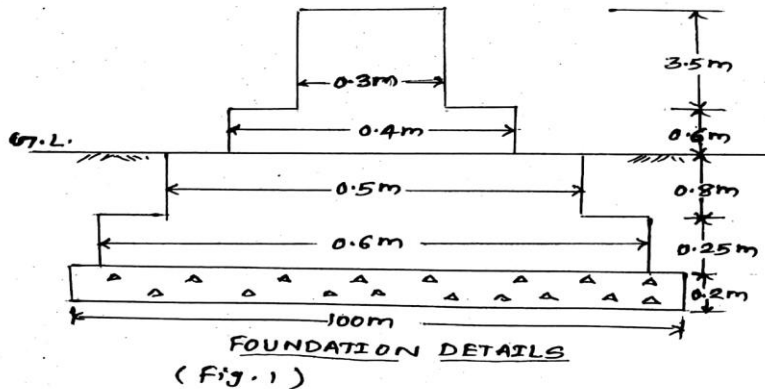
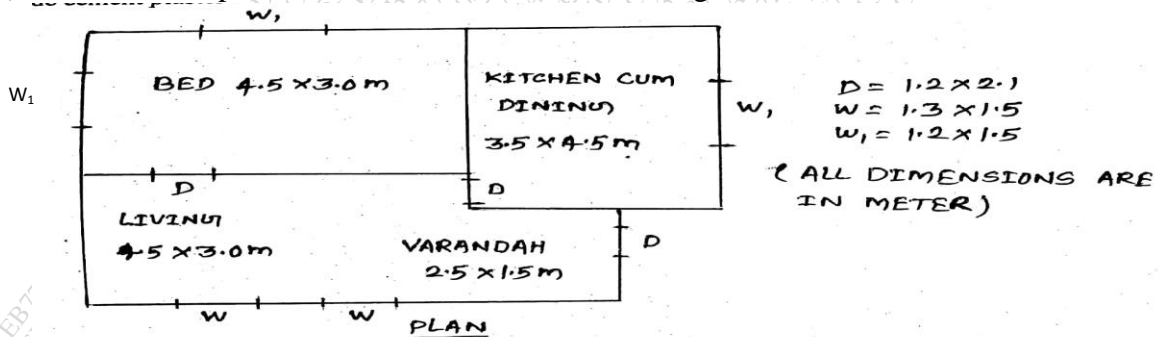
- N.B
- Please check whether you have got the right question paper.
- (i) Q.No.1 is compulsory and solves any two questions from remaining in section 'A'.
 - (ii) Attempt any three questions from Section 'B'.
 - (iii) Figures to right indicate the maximum marks.
 - (iv) Assume suitable data if necessary.

Section A

Q.1 Workout the quantities of the following items from the given drawing (fig 1)

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- (a) Excavation in murum for foundation
- (b) P.C.C. bed
- (c) U.C.R. Masonry in cm (1:6) in foundations
- (d) Brick Masonry without deductions.
- (e) Inside cement plaster in CM 1:2 with neeru finishing without deductions.



- Q.2 Write detailed specification for:
- (a) Foundation trench excavation work 05
 - (b) Pipeline laying work. 05
- Q.3 Carry out rate analysis for:
- (a) Class-II Brickwork in C.M. (1:6) 05
 - (b) 12cm thick R.C.C. slab (1:2:4) 05
- Q.4 Explain the following:
- (a) Approximate estimate of building 04
 - (b) Prime cost 02
 - (c) Features of P.W.D. method of taking out quantities. 04

Section B

- Q.5 Explain the following in details
- (a) Essentials of valid contracts 02
 - (b) Sinking funds 04
 - (c) Labours contracts. 04
 - (d) E.M.D. and S.D. 04
- Q.6
- (a) Distinguish clearly between negotiated contracts and item rate contracts 07
 - (b) Explain the several ways by which the contract can be terminated. 06
- Q.7
- (a) What is valuation? Explain its purpose 07
 - (b) Explain administrative approval and technical sanctions. 06
- Q.8
- (a) Explain procedure for preparation and submission of tender for construction work 07
 - (b) What is muster roll? What are the rules to be observed in its preparation? 06
- Q.9
- (a) Write short note on Housing loans, EMI and Repayment conditions 07
 - (b) What is a sale deed? Discuss its concept and use. 06