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

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

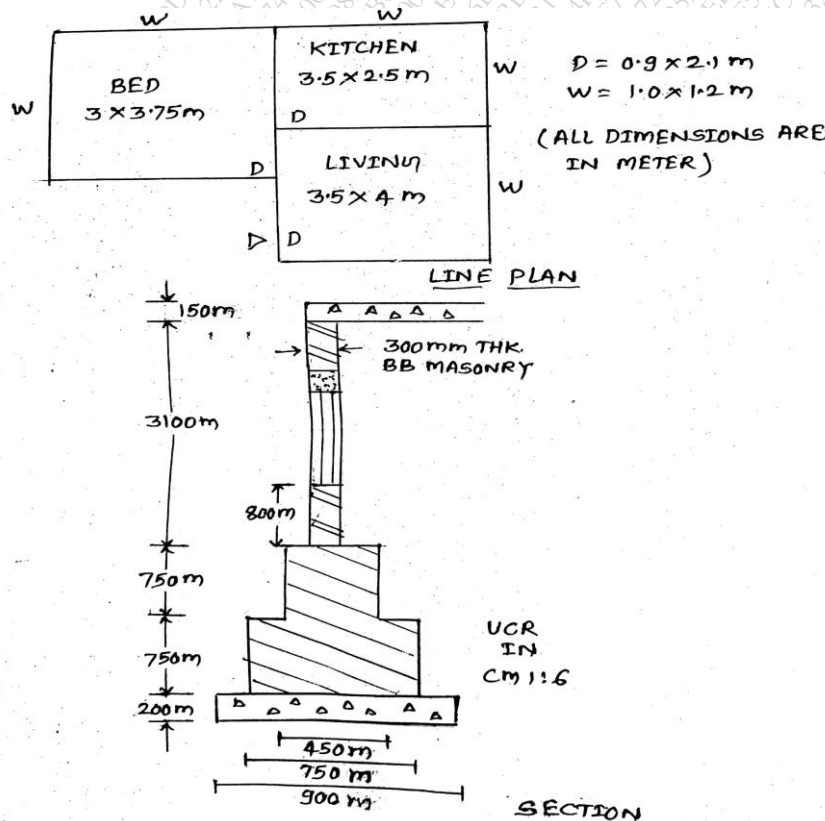
- N.B
- (i) Q. No.1 is compulsory and solves any two questions from remaining in section 'A'.
 - (ii) Attempt any three questions from Section 'B'.
 - (iii) Figures to right indicate the maximum marks
 - (iv) Assume suitable data if necessary.

Section A

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

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- (a) Excavation in soft murum for foundation trenches.
- (b) U.C.R. Masonry in C.M.(1:6) in foundations and plinth.
- (c) IInd class B.B. Masonry in C.M.(1:6) for superstructure.
- (d) 12mm thick cement plaster for internal walls and ceiling.
- (e) Mosaic tiled flooring in all rooms.



- Q.2 Write detailed specification for:
- (a) White-washing 05
 - (b) Earthwork in excavation of foundation trenches. 05
- Q.3 Carry out rate analysis for:
- (a) Pointing work in C.M.(1:4) 05
 - (b) U.C.R. masonry in C.M. 1:4 in foundation. 05
- Q.4 Explain the following:
- (a) Factor affecting rate analysis. 04
 - (b) Prime cost and Provisional sum 04
 - (c) Leads and lifts. 02

SECTION –B

- Q.5 Explain the following in details.
- (a) Lump-sum contracts 02
 - (b) Arbitration 04
 - (c) Capitalized value 04
 - (d) Scrutiny and award of tenders 04
- Q.6
- (a) Explain the various forms of cost-plus or percentage contacts. 07
 - (b) What are the responsibilities of engineer and contractor. 06
- Q.7
- (a) What is property mortgaging? Explain in brief. 07
 - (b) Explain the method of valuations. 06
- Q.8
- (a) Explain procedure for selection of tender in government works. 07
 - (b) Explain the process for housing loan, E.M.I. and repayment conditions. 06
- Q.9
- (a) Explain building bye-laws and norms. 06
 - (b) What is sale deed? Discuss its merits and demerits. 07