

Seat No.

HAD-161001010603

B. Architecture (Sem. VI) Examination

May - 2023

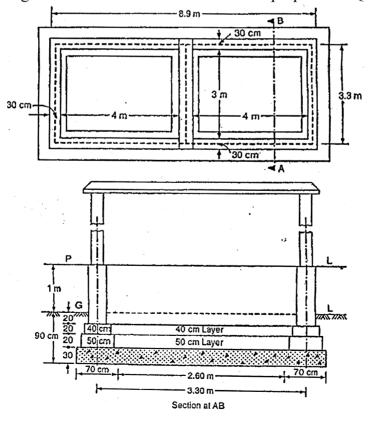
Professional Practice-I

		110	lessional Tractice-1		
Tim	e : 2	Hours / Total	al Marks : 50		
Inst	ructio	(1) (2) (3) (4)	Make suitable assumption		
1	(a)	Work out rate analyses for providing and laying			
		T.M.T. Fe 5	50D steel reinforcement.		
	(b)	Write detaile M-20 (1:1.5	ed specification for cement (3.3)	concrete 5	
		111 20 (11110	OR		
	(b)	Write specif	ications for below materials	. 5	
	(0)	(i) Sand	(ii) Water		
2	Sele	ct correspond	ling part of CGDCR:	10	
	(a)				
		Part I	Part II	Part III	
	(b)	Under which part of the CGDCR front open space, side and rear margins are defined?			
		Part I	Part II	Part III	
	(c)	Under which part of the CGDCR margin from the electrical			
	, ,	lines, 5% discount in chargeable FSI in case of energy efficient building is defined?			
		Part I	Part II	Part III	
	(d)	of the parag	I be the minimum width of a pet and floor-mounted railing uilding as per regulation no	ng, for a High-rise	
		1.5 M	1.8 M	2.0 M	
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- (e) Which one of the following is correct in the context to provide passenger lifts for residential (dwelling) purposes?
 - (i) No lift is required for building heights up to 15 m.
 - (ii) Minimum 2 or 1 lift per thirty dwelling units (excluding dewelling units on ground level and two upper floors or Hollow-plinth and two upper floors)
 - (iii) Irrespective of building height, minimum 1 lift for DW-1 and DW-2 type buildings shall be provided.
- 3 Describe what is tender? Explain various methods of calling tender. 10
- 4 Write brief notes: (any two)

10

- (1) Types of Estimates
- (2) Brief note on Floor Space Index along with permissible FSI, chargeable FSI, maximum permissible FSI, total utilized FSI.
- (3) Explain various types of tender.
- 5 The plan & cross section of foundation wall of the two roomed building is shown in figure. Calculate the quantity of earth work in excavation, quantity of concrete & brickwork in foundation & plinth by long wall and short wall method. Also prepare BOQ sheet.



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