

Code: 15AR54D

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V Semester Diploma Examination, Nov./Dec.-2018

BUILDING CONSTRUCTION & DRAWING - III

5.0 × 3.0 m with provision for a door of 900 × 2100 mm. Draw the following to a scale of 1:10. (a) Plan (b) Elevation (c) Section	1 111	[Max. Marks : 10	00
PART – A 1. List the different methods of plastering and explain any two. 2. Distinguish between plastering and pointing. 3. What are the effects of dampness? 4. List the advantages of partition wall. 5. Explain brick partition wall with neat sketch. 6. Define shoring. Explain any one type with neat sketch. 7. Distinguish between steel and wooden form work. 8. What is suspended ceiling? Mention its advantages. 9. Explain the construction methods of exposed grid false ceiling with neat sketch. 10. What are the necessities of Retaining wall? 11. Write short note on shell structures. 12. What are the advantages of pre-fabricated structures? PART – B 13. Prepare a detailed drawing of partly glazed wooden partition to a room of siz 5.0 × 3.0 m with provision for a door of 900 × 2100 mm. Draw the following to a scale of 1:10. (a) Plan (b) Elevation (c) Section	Note	e: (i) Answer any Eight questions from Part – A.	
PART - A 1. List the different methods of plastering and explain any two. 2. Distinguish between plastering and pointing. 3. What are the effects of dampness? 4. List the advantages of partition wall. 5. Explain brick partition wall with neat sketch. 6. Define shoring. Explain any one type with neat sketch. 7. Distinguish between steel and wooden form work. 8. What is suspended ceiling? Mention its advantages. 9. Explain the construction methods of exposed grid false ceiling with neat sketch. 10. What are the necessities of Retaining wall? 11. Write short note on shell structures. 12. What are the advantages of pre-fabricated structures? PART - B 13. Prepare a detailed drawing of partly glazed wooden partition to a room of siz 5.0 × 3.0 m with provision for a door of 900 × 2100 mm. Draw the following to a scale of 1:10. (a) Plan (b) Elevation (c) Section		(ii) Answer any Three questions from Part – B .	
 List the different methods of plastering and explain any two. Distinguish between plastering and pointing. What are the effects of dampness? List the advantages of partition wall. Explain brick partition wall with neat sketch. Define shoring. Explain any one type with neat sketch. Distinguish between steel and wooden form work. What is suspended ceiling? Mention its advantages. Explain the construction methods of exposed grid false ceiling with neat sketch. What are the necessities of Retaining wall? Write short note on shell structures. What are the advantages of pre-fabricated structures? PART – B Prepare a detailed drawing of partly glazed wooden partition to a room of siz 5.0 × 3.0 m with provision for a door of 900 × 2100 mm. Draw the following to a scale of 1:10. Plan Elevation Section 		(iii) Assume suitable data wherever required.	
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 13. Prepare a detailed drawing of partly glazed wooden partition to a room of siz 5.0 × 3.0 m with provision for a door of 900 × 2100 mm. Draw the following to a scale of 1:10. (a) Plan (b) Elevation (c) Section 	12.	What are the advantages of pre-fabricated structures?	5
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Draw the following to a scale of 1:10. (a) Plan (b) Elevation (c) Section	13.	Prepare a detailed drawing of partly glazed wooden partition to a room of size	
(a) Plan(b) Elevation(c) Section		5.0×3.0 m with provision for a door of 900×2100 mm.	
(b) Elevation (c) Section		Draw the following to a scale of 1:10.	
(c) Section	,	(a) Plan	5
		(b) Elevation	5
(d) One enlarged detail		(c) Section	5
		(d) One enlarged detail	5

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	14.	A living hall measuring 4.0×6.0 m with the floor height 3.0 m is to be provided with							
		false ceiling using G.I. sections and gypsum board.							
		Draw the following to a scale 1:20:							
		(a) Reflected Ceiling Plan	8						
		(b) Section	8						
		(c) Any one enlarged detail.	4						
	15.	Draw wall panelling of size 3.0 m wide & 3.0 m height using industrial timber	r.						
		Draw the following to a scale of 1:10:							
		(a) Plan	. 5						
		(b) Section	5						
		(c) Elevation	5						
		(d) One enlarged detail	5						
	16.	Draw sectional elevation of damp proofing at foundation and floor level to	a scale						
		of 1:10.	20						
-									
	17.	Design structural glazing of size 2.0×3.0 m for a corporate office to a scale of	of 1:10.						
		Draw the following:							
		(a) Plan	5						
		(b) Elevation	5						
		(c) Section	5						
		(d) One enlarged detail	5						