ANNA UNIVERSITY OF TECHNOLOGY, COIMBATORE.			19. Mention the names of equipments for pile driving.		
B.E. / B.TECH. DEGREE EXAMINATIONS : NOV / DEC 2010			20. Write any four special forms of shells.		
REGULATIONS : 2008			PART – B		
THIRD SEMESTER – CIVIL ENGG.			(5 x12 = 60 MA ANSWER ANY FIVE QUESTIONS		
080100011 - CONSTRUCTION TECHNIQUES, EQUIPMENT AND PRACTICES					
Time : 3 Hours	DADT A	Max. Marks : 100	21. What are the processes involved in Manufacturing of cement? Explain it brief	•	
	PART – A	(20 x 2 = 40 MARKS)			
ANSWER ALL QUESTIONS			22. Write the step by step procedure of concrete mix design using IS method.		
 What is meant by hydration of cement? What are the two process of manufacturing of cement? Differentiate rapid hardening cement and quick setting cement with respect to their 			23. a. Distinguish between stone masonry and brick masonryb. Explain the different bonds in brick masonry	(6) (6)	
constituents and properties.4. Write any three non-destructive testing methods conducted in concrete.5. List the values of the standard deviation for the following degree of control of mixing			 24. a. Briefly explain the method of providing a damp proof course in a building. b. Explain any three types of floorings. 	(6) (6)	
(a) Excellent (b) Fair			25. Explain with neat sketches about the Box jacketing techniques.		
6. What is meant by centre line marking?7. What are the methods adopted to make a building damp proof?			26. What is Dewatering? Explain in detail the methods of Dewatering.		
 Mention the classification of stone masonry. Differentiate 'Shallow Foundation' and 'Deep Foundation'. 			27.a. Write the advantages of prestressed concrete as compared to normal reinforced concrete structures? (6)		
10. Define Scaffolding.			b. Write short notes on methods of prestressing.	(6)	
 What is sinking cofferdam? What is Shoring? Give the different types of sheet piles? What is asia			28. Discuss the factors influencing the selection of equipment for earth work.		
14. What is caisson?15. Give the advantages of Box/Pipe Jacking?16. Give the advantages of Box/Pipe Jacking?			****THE END ****		
16. Give the various methods of tunneling through rock.17. What is grouting?18. Write the types of earthwork equipment?					

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