

B. E. CONSTRUCTION ENGINEERING SECOND YEAR SECOND SEMESTER-2017

Subject: PROCESS OF CONSTRUCTION Time : Three hours Full Marks : 100

No of Questions	Question	Marks
	Answer any four questions.	
Q1.a)	What is titling and shifting of well foundation? Describe two process to rectify the titling and shifting of well.	20
Q1.b)	What is sheet pile and what are the uses of sheet pile?	05
Q2.	In DMC piling method, explain why bentonite slurry is used? How concreting is done in DMC piling method. Draw a sketch of Bailor. What is the use of Chisel in DMC method?	5+10+5+5
Q3.	For transportation of concrete in green stage which machine we mostly use? Draw a sketch of that machine and explain the unloading of wet concrete process of that machine. Why curing is very important in concreting process.	2+15+8
Q4.	What is diaphragm wall technique? Explain every steps of diaphragm technique with proper sketch.	25
Q5.	Describe the process of box pushing with neat sketch.	25