

(2)

Ex/CON/T/223/105/2013

5. (a) For excavation we use “sheet pile”. Draw a typical cross section of sheet pile. What are the process for driving of sheet pile.  
(b) Describe the process of arc welding with neat sketch.
6. Describe the process of “Box Pushing” to construct a underpass of railway embankment. What is the purpose of using aluminium sheet at the top of R.C.box during pushing method. 20

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**BACHELOR OF ENGG. CONSTRUCTION EXAMINATION, 2013**

(2nd Year, 2nd Semester)

**Process of Construction**

Time : Three hours.

Full Marks : 100

Answer any **five** questions.

1. What kind of problem may arise during well sinking process? Describe every problem with neat sketch also discuss about the solutions of every problems. 20
2. What are the different types of pile foundation. Which type of pile foundation is mostly used in Kolkata. Describe that particular type of pile foundation with neat sketch. 20
3. Describe the process of SLIP FORM Technique fo a chimney (R.C.) with a neat sketch. 20
4. Why “THURST BORING” process was adopted for laying of 64// concrete pipes between palta and Tala under B.T.Road. Explain the process with neat sketch. 20

(Turn Over)