

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech. Summer 2018 - 19 Examination

Semester: 1**Subject Code: 203216102****Subject Name: Construction Techniques****Date: 30/04/2019****Time: 10.30 am to 1.00 pm****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1** A) Explain Scaffolding. Enlist types of scaffolding. (05)
B) Write a brief note on "Industrialization Of Construction Processes". (05)
C) Write short note on Erection Work. (05)
- Q.2** Answer the following questions. (Attempt any three) (Each five mark) (15)
A) Construction Means Optimal Combination Of Working Operations & Working Procedures"- Justify.
B) Write a brief note on Maintenance
C) Enlist and explain various formwork failures.
D) Explain electro osmosis in ground water technique.
- Q.3** A) Write a detail note on special type of form work? (07)
B) State Aims & Objectives of Modular Co-Ordination & also discuss practical benefits of Modular Co-Ordination. (08)
- OR**
- B) Explain Basic Principles of Modular Co-ordination. (08)
- Q.4** A) Enlist the Cracks Repair Techniques. Explain any Three. (07)
- OR**
- A) What is NDT? Explain any two in detail.. (07)
B) Explain procedure carried out for Repair works. (08)