

Dr Saurav

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- MAY- 2019

M.Tech IV Semester

COURSE CODE: 10M13CE432

MAX. MARKS: 35

COURSE NAME: Construction Methods Improvement

COURSE CREDITS: 3

MAX. TIME: 2 Hrs

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*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

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- Q1.** What are launching girders? Tabulate the sequence of erection of launching girders. [5, CO3]
- Q2.** What are Offshore Platforms? How it is classified? Describe the construction principle of Offshore Platforms. Discuss the working principle of Fixed platform and Sea tower platform [5, CO3]
- Q3.** Briefly discuss the section method of transmission tower erection. What precautions to be taken while erecting height weight components on tall structures? [5, CO3]
- Q4.** Discuss the factors on which the selection of equipments depends. [4, CO4]
- Q5.** Write short notes on the following [10, CO4]
- a) Rippers
  - b) scrapers
  - c) conveyers
  - d) excavation equipments
  - e) compaction equipments
- Q6.** What are Dozers? Explain in detail about different types of dozers. [6, CO4]