

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech., Winter 2017 - 18 Examination

Semester: 1
Subject Code: 03216103
Subject Name: Project Economics

Date: 30/12/2017
Time: 02:00 pm to 04:30 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) What are the sources of working capital in construction industry? (05)
- B) What are the different types of projects? Elaborate on sequential and parallel projects. (05)
- C) What is the economics evaluation methods of projects related to time value? (05)
- Q.2 Answer the following questions. (Attempt any three) (15)**
- A) What is escalation? Explain factors influence constructions escalation
- B) Discuss cash flow diagram used in project engineering economics.
- C) Write a note on: Phases of cost Escalation
- D) Explain different types of construction contract.
- Q.3** A) What is project feasibility analysis? Explain different areas of feasibility study. (07)
- B) State and explain the difference between cash flow statement and fund flow statement. (08)

OR

- B) State the importance of financial statement analysis. Explain any one technique of financial statement analysis. (08)
- Q.4** A) Explain different methods of performance appraisal for civil engineer. (07)
- OR**
- A) Explain different issues involves in contract condition. (07)
- B) Explain different factors affecting to working capital in construction industry. (08)