**Rajasthan Institute of Engineering & Technology, Jaipur.**

**II Mid Term examination**

**Session: 2017-18**

**CIVIL ENGINEERING- VIII SEM/ IV YEAR**

 **Subject:- PPCM (8CE3A) SET:- A**

Time: 2 hrs. M.M.:20

**Instruction for students:**

1. No provision for supplementary answer book.

Q.1 Write short note on :

a. Resource Allocation

b. Project cost

Or

Q.1 What do you mean by Updation of project network ? also explain its necessities and methods involved in it

Q.2 What do you mean by Tender explain with its various types with their suitability

Or

Q.2 write short note on the following terms:

i) EMD & SMD ii) Breach of contract iii) Arbitration

Q.3 Explain environmental and social aspect of construction project

Or

Q.3 Write short notes on

 a. PMIS b. Accident

Q.4 Write safety measures to be follow in excavation work.

 Or

Q.4 Write detailed description on Breach of Contract and its Types

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 **Subject:- PPCM (8CE3A) SET:- B**

Time: 2 hrs. M.M.:20

Q.1 write short note on

 a. Causes and prevention of accidents

 b. Environmental aspect of construction project

Or

Q.1 Write Detailed note on Project Management and Information System with its benefits.

Q.2 Explain

a. Breach of contract with its types

b. Arbitration

Or

Q.2 Explain the following terms:

i) Resource leveling ii) Resource Smoothning

Q.3 Differentiate between Earnest Money Deposit (EMD) and Security Money deposit

Or

Q.3 Describe briefly different types of contracts and special features of each

Q.4 Differentiate between PERT and CPM.

Or

Q.4 A PERT project consist of the following activities and time estimates in days. Draw the project network; find expected time and variance of each activity. Also find the critical path of the project

Activity 1-2 1-4 1-5 2-3 2-6 3-6 4-6 5-7 5-8 6-8 7-8

Optimistic time 2 4 5 3 3 2 3 1 2 6 2

Most likely time 5 19 11 9 6 5 6 4 5 12 5

Pessimistic time 8 28 17 27 15 14 15 7 14 30 8