

Total No. of Questions : 5

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**EK-348**

**B.E. (VIIIth Sem.) (Civil Engg.) CGPA-Exam. 2016**

**CONSTRUCTION TECHNOLOGY & MANAGEMENT**

**Paper - CE-803**

***Time Allowed : Three Hours***

***Maximum Marks : 60***

**Note :** Attempt all questions. There is internal choice for each question. Answer must be brief and to the point only.

Q.1 What do you understand by Schedule of Construction and Principles of Construction Management. Explain these with respect to a long bridge project.

Or

Define network and its objectives. How PERT or CPM networks are useful for construction site. Explain with respect to a large concrete dam construction.

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**P.T.O.**



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Q.II What is Compaction? What equipments are used for clayey soil and sandy soil. Draw diagrams of equipment with their specifications.

Or

What equipment will you use for concreting large dam. Draw layout, positioning all equipments needed.

Q.III Explain various types of contract. What are main problems expected sometime during construction. Explain with examples only.

Or

What is tendering of a Job? What precautions are to be taken? What are various types of tenders used commonly?

Q.IV List out different types of specifications required for a construction industry. Bring out its importance in construction management.

Or



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Explain functions of measurement book, cash books and various terms to be used at construction site of a large project.

Q.V / What are various acts enforced by the government for the welfare of construction site workers. How are they implemented.

Or

How are "Waiting line models" are classified. Discuss suitable model applicable in case of construction management equipment.