

Total No. of Questions : 4]

SEAT No. :

**P5021**

[Total No. of Pages : 1

[6187]-421

**T.E. (Civil Engineering) (Insem)**

**CONSTRUCTION MANAGEMENT**

**(2019 Pattern) (Semester - I) (Elective - I) (301005(C))**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data if necessary.

- Q1)** a) Discuss in details various components of infrastructure. [5]  
b) Explain the role of infrastructure development in Economic development. [5]  
c) Explain the role of Project Management Consultant (PMC) on Metro Construction Project. [5]

OR

- Q2)** a) How the infrastructure development plays an important role in economic development of India. [5]  
b) Explain Project Monitoring and Reporting System of construction project. [5]  
c) Explain the role of Project Management consultants in airport construction project. [5]

- Q3)** a) Discuss various factors affecting new road alignment Project Scheduling. [5]  
b) What is the aim of 'Method Study'? Describe in details steps involved in Method Study. [5]  
c) Draw Work Breakdown Structure of SRA (Residential) project. [5]

OR

- Q4)** a) Write a short note on Line of Balancing techniques. [5]  
b) Explain the objectives of Time Study and Motion Study. [5]  
c) Draw and explain RMC Plant String Diagram. [5]

