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SEAT No. :

P182

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**BE/INSEM/APR-509**  
**B.E. (Civil Engineering)**  
**401010A : CONSTRUCTION MANAGEMENT (Elective - IV)**  
**(2015 Pattern) (Semester - II)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates :*

- 1) *Attempt Q.1 or Q.2, Q.3 or Q.4 and Q.5 or Q.6.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to right indicate full marks.*
- 4) *Assume suitable data, if necessary and clearly state.*

- Q1)** a) Explain the role of construction industry in economic development. [5]  
b) Write note on generation and identification of project investment opportunities. [5]

OR

- Q2)** a) Explain the role of Project Management consultant for Tunnel project. [5]  
b) Explain Project monitoring and reporting system. [5]

- Q3)** a) Explain Line of Balance techniques. [5]  
b) Explain : Activity chart and string diagram. [5]

OR

- Q4)** a) Define WBS. Explain the importance of WBS. [5]  
b) Explain the basic procedure of Work study. [5]

- Q5)** a) Explain the need and importance of labour laws. [5]  
b) Explain Capital investment along with importance and difficulties. [5]

OR

- Q6)** a) Explain Child labour act and Interstate migrant act. [5]  
b) Explain Project balance sheet along with example. [5]

