

Total No. of Questions : 10]

SEAT No. :

P22

[Total No. of Pages : 2

[5871]-522

B.E. (Civil Engineering)

CONSTRUCTION MANAGEMENT

(2015 Pattern) (Semester - II) (Elective - IV) (401010 A)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Assume suitable data, if necessary.

Q1) a) Explain the role of Infrastructure development in economic development of country. [5]

b) Explain scheduling and importance of scheduling. [5]

OR

Q2) a) Write short note on time and motion study. [5]

b) Comment of project investment opportunities. [5]

Q3) a) Explain workmen compensation Act 1923. [5]

b) Explain the appointment process of PMC. [5]

OR

Q4) a) Write short note on profit and loss statement. [5]

b) Explain work study and work measurement. [5]

Q5) a) Explain Simulation analysis along with suitable example. [8]

b) Explain value engineering and value analysis. [8]

OR

Q6) a) What are the different mathematical models used in risk management. [8]

b) Explain the role of insurance in risk management. [8]

P.T.O.

- Q7)** a) Write short note on: Performance appraisal and Job evaluation. [8]
b) Explain the Human resource management system. [8]

OR

- Q8)** a) What is EOQ, explain with suitable example. [8]
b) Write short note on Vendor networking and buyer supplier relationship. [8]
- Q9)** a) What are the applications of Genetic algorithm? [10]
b) Explain Biological neural network. [8]

OR

- Q10)** a) What is ANN? Explain with suitable example. [10]
b) Explain fuzzy logic in detail. [8]

