

Total No. of Questions : 6]

SEAT No. :

P2

[Total No. of Pages : 2

Oct.-16/T.E./Insem.-2
T.E. (Civil) (Semester - I)
INFRASTRUCTURE ENGINEERING
(2012 Pattern)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 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) Write short note on Infrastructure Engineering. [5]
b) Explain the provision made for the infrastructure of housing with reference to 12th five year plan. [5]

OR

- Q2)** a) Explain with suitable example, the role of construction industry in economic development of nation. [5]
b) Explain the provision made for the infrastructure of railways with reference to 12th five year plan. [5]

- Q3)** a) Define gauge. What are the merits of having uniform gauge throughout the country? [5]
b) Enlist various types of rail joints. Explain one of them with neat sketch. [5]

OR

- Q4)** a) Write short note on evil effects of rail joints. [5]
b) Compare the characteristics of wooden sleepers and concrete sleepers. [5]

P.T.O.

- Q5) a)** Write short note on methods of dredging. [5]
b) Write short note on slip form pavers. [5]

OR

- Q6) a)** Write short note on Tower Cranes. [5]
b) What is well point system of dewatering. Explain with suitable sketch.[5]

