

M.E. Second Semester (Civil Engineering (Transpo. Engg. & Manag.)) (New CGS)
13117 : Elective-III : 2) Transportation Systems : 2 SFTR 5

P. Pages : 1

Time : Three Hours



AU - 3342

Max. Marks : 80

- Notes :
1. All question carry equal marks.
 2. Assume suitable data wherever necessary.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing book.
 5. Attempt **any five** questions.

1. a) Explain transport impact on environment. 8
b) Explain technological characteristic of Ropeways with reference to components. 8
2. a) Enumerate the various National policy recommendations. 8
b) Write brief note on:- 8
 - i) TRC
 - ii) Vision 2021
3. a) Enumerate the various planning steps and their description recommended by ICAO for airport master planning. 8
b) Explain the working principles of Automatic train control system. 8
4. a) Give the sequence of activities of a passenger at a modern airport terminal building. 8
b) What are the various landing Aids for aircraft? Explain ILS it's components with neat sketch. 8
5. a) What are fixed signals? Describe briefly, the functions and contraction of a light house. 8
b) Explain with neat sketch. 8
 - a) Tridentine Layout of port
 - b) Digital Layout of port
6. a) Explain para transit system. 8
b) Enumerate the urban transportation problems. 8
