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R16

Code No: 137HV

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, October/November - 2020

TRAFFIC ENGINEERING

(Civil Engineering)

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Time: 2 hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. What are the different types of speed studies? Explain. [15]
2. What are the various methods available for conducting an O-D survey? [15]
3. Draw a typical layouts and dimensions for on street parking stalls. [15]
4. Define EEE. Explain briefly about EEE. [15]
5. Explain briefly about capacity of two lane rural highways without access control. [15]
6. Explain capacity of weaving sections of highway capacity with a neat sketch. [15]
7. Describe the advantages and disadvantages of fixed time, vehicle actuated and semi vehicle actuated of signals. [15]
- 8.a) Write a short note on reversible lanes.
- b) What is meant by congestion pricing? Explain. [7+8]

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