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SRINIX COLLEGE OF ENGINEERING

1ST INTERNAL EXAMINATION-2018

Subject-TETP

Semester-8TH

Branch-CIVIL

Full Mark-30

Time-1.30Hrs

Answer all questions (PART-A)

[2X5]

1. Define rolling resistance and air resistance?
2. What is grade resistance?
3. What is the unit of traffic volume?
4. Define PCU?
5. What are human factors governing road user behavior?

Answer any Two (PART-B)

[10X2]

1. An ambassador car travelling at a speed of 60 KMPH it on a level WBM road in good condition is suddenly allowed to coast by switching off engine and putting the gear in neutral. What is the deceleration caused?
2. Explain Organization of traffic engineering Department?
3. A two lane urban roads with one-way traffic have a capacity of 1800 veh/hour under jam condition the average lane width is 5 meter. Find out density volume.

