



REGISTRATION NUMBER

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SRINIX COLLEGE OF ENGINEERING

1ST INTERNAL EXAMINATION-2017-18

Subject-**HTE**

Semester-**4TH**

Branch-**CIVIL**

Full Mark-**30**

Time-**1.30Hrs**

ANSWER ALL QUESTIONS (PART-A)

[2X5]

1. The width of road pavements, depends upon

- a. Width of traffic lane b. number of traffic c. width of median strip d. all the above.

2. Normal formation width of a hill road for one-way traffic, is

- a. 3.6 m b. 4.8 m c. . 6.6 m d.7.2m

3. The width formation of a road means the width of

- a. Carriageway b. Pavement and shoulders c. embankment at ground level
d. embankment at top level

4. The minimum width of the pavement of a National Highway should be

- a. 4.7 m
b. 5.7 m
c. 6.7 m
d. 7.7 m
e. 8.0 m

5. In scanty rainfall regions, the camber provided will be

- a. nil
b. flatter
c. steeper
d. None of these.

ANSWER ALL QUESTIONS (PART-B)

[2X5]

1. Define gradient and its types?
2. Define grade compensation?
3. Explain right of way?
4. What do you mean by formation width of a road section?
5. Classify various types roads?

ANSWER ANY TWO QUESTIONS (PART-C)

[5X2]

1. Define highway alignments and its various factors?
2. What are the engineering surveys carried out for highway alignment?
3. Explain various highway characteristics?