

Roll No.

1432

**B. Arch. 8th Semester
Examination – May, 2026**

TRAFFIC AND TRANSPORTATION

Paper : AR-803-B

Time : Two hours]

[Maximum Marks : 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any four questions. All questions carry equal marks.

~~1.~~ 1. What measures would you propose to tackle the issue of rising traffic and transportation concerns accompanying urbanization ?

2. Explain the following :

(a) Spot speed

(b) Running speed

(c) Time mean speed

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3. Provide a comprehensive explanation of the connection between land use and transportation systems ?
 4. What is the categorization system employed for urban highways in our nation ?
 5. Describe the significance of public and para transit modes of transportation in small and medium-sized cities ?
 6. What are the various techniques for off-street parking, and what is the necessary space requirement per equivalent car space (ECS) ? Please elaborate with the assistance of schematic illustrations.
 7. What are the various approaches for conducting an economic assessment of a transportation project ?
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