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Roll No.

H4003

B. Arch. EXAMINATION, 2020

(Ninth Semester)

(B Scheme) (Main & Re-appear)

(B. Arch.)

AR509B

TRAFFIC AND TRANSPORTATION-IX

Time : 2½ Hours]

[Maximum Marks : 75

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

Note : Attempt *Four* questions in all. All questions carry equal marks.

(5)M-H4003

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1. Write short notes on any *two* of the following :
 - (a) Factors affecting demand for public transport
 - (b) Characteristics of freight transport
 - (c) Transport planning process
 - (d) Gravity Model parameter.
2. What do you understand by Transportation System ? Write down the characteristics of efficient Transportation System.
3. Explain market segmentation of public transport.
4. Explain various objectives of policies under (any *two*) :
 - (a) JNNURM
 - (b) National Urban Transport Policy
 - (c) BRTS
 - (d) Pradhan Mantri Gram Sadak Yojana.

5. The challenges of dealing with traffic in an old Indian city are innumerable. Discuss the remedial measures to be adopted to solve the problems and issues of traffic and transportation by citing an example.
6. Write notes on the following :
 - (a) The hierarchy of roads in urban areas.
 - (b) Code of practice for design of urban road.
7. Highways are one of the major infrastructures used for economic development of a nation. Highways plays key role in cultural, social, Industrial and commercial sector. At the same time highways accidents are at alarming level and causing heavy human and economic loss. How to control the highway accidents and loss of human life ?
8. Explain the impact of environment on transport and impact of transport on environment.