

18AA2234

M. Plan. EXAMINATION, 2021

(First Semester)

(C Scheme) (Main & Re-appear)

Master of Planning (Urban and Regional Planning)

MPLAN607C

INFRASTRUCTURE AND TRANSPORT PLANNING

Time : 2½ Hours]

[Maximum Marks : 50

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.

1. Discuss the different elements of infrastructure. What is the significance of infrastructure in urban development ?
2. Explain the effect of densities, land use and urban structure on design on network and services system. What are the impacts of infrastructure ?
3. Examine the contents and the details of infrastructure (water, waste water and solid waste) as discussed in different levels of planning (District level planning, Master Plan and Local level plan).
4. What is the difference between storm water and sanitary waste water ? Explain how the surface topography and soil characteristics affect the flow of storm water drainage.

5. Explain 4R concepts in solid waste management. What is difference between sewage and sewerage ?
6. Explain various method of firefighting. What are different vulnerable locations in a building of fire hazard ?
7. What are the basic elements of transportation planning ? Explain various measures to enhance mobility with traffic safety in urban planning.
8. Describe briefly various attributes of transport systems in terms of accessibility, mobility and efficiency aspects.