

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program	: M. Plan	Semester	: I
Subject (Course)	: Urban Infrastructure & Transport Planning	Max. Marks	
: 100 Course Code	: MPLC 702		
Duration	: 3 Hrs No. of page/s		: 1

All questions are compulsory.

Section A

(Each question carry 5 marks)

- Q.1. How the quantity of water for which a water supply scheme is to be designed is estimated?
- Q.2. Draw a neat sketch showing the intake arrangements, which you suggest for drawing, water for a city water supply plant being fed from a lake.
- Q.3. Write Short note on Urban Form & Transportation Network.
- Q.4. Draw a diagram to highlight various elements of roads.

Section B

(Each question carry 10 marks)

- Q.5. Discuss the role of Town Planners in the Area of Network & Services.
- Q.6. What are the common impurities found in natural sources of water, and explain their effects upon its quality. Discuss the permissible limits of impurities also.
- Q.7. Discuss the provisions of URDPFI for Fire & Electricity related infrastructure of a city.
- Q.8. Discuss the Sewer Treatment Process for Large Sized Cities with the help of Flow diagram.

Section C

(Each question carry 20 marks)

- Q.9. Enumerate the various methods which can be used for disposal of municipal solid waste, and explain the two most widely adopted methods in Indian Cities.

Q.10. Enumerate upon Traffic & Transportation Surveys that need to be carried out for the Preparation of a Comprehensive Mobility Plan.