

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, April/May 2018

Course: M. Plan – Urban & Regional Planning
Program: Infrastructure Planning & Management
Time: 03 hrs.

Semester: II

Max. Marks: 100

Instructions:

SECTION A

S. No.		Marks	CO
Q 1	What is the role of Planners in planning for urban infrastructure in a city/ town?	4	
Q 2	What are the issues related to high level of Non-Revenue Water (NRW) in the country?	4	
Q 3	What is the importance of recycling and reuse of waste in its treatment?	4	
Q 4	What is off-grid power or decentralized power?	4	
Q 5	What are Rotary Intersections and its type?	4	

SECTION B

Q 6	What is Public Private Partnership (PPP) and why it should be promoted for planning, development, operation & maintenance of civic infrastructure in an urban area? What are the potential projects for PPP in Urban Development?	8	
Q 7	What are the duties/ role of a Town Planner prescribed in the Solid Waste Management Rules, 2016?	8	
Q 8	What is the National Urban Sanitation Policy (NUSP) 2008? What are the current initiatives of the Government of India in Swachh Bharat Mission?	8	
Q 9	What are the salient features of National Water Policy 2012? How it is different from National Water Policies of 2002?	8	

	<p>Or</p> <p>What do you understand by Integrated Water Resource Management? How it can be used for managing water in a district? Please elaborate.</p>		
Q 10	<p>What is the objective of Pradhan Mantri Gramin Sadak Yojna (PMGSY) and what are its guiding principles?</p> <p>Or</p> <p>What are the modes of transport for movement of people and goods? What is the role of Indian Railway in development of transport infrastructure in the country?</p>	8	
SECTION C			
Q 11	<p>What are the key performance indicators related to urban management and service delivery and what are their Benchmarks? Explain the 'Performance Management System' for 'Service Level Benchmarks' and role of different stakeholders in monitoring of urban sector projects?</p>	20	
Q 12	<p>What is the National Rural Drinking Water Programme (NRDWP), its Vision, objectives and basic principles? How it is different from Accelerated Rural Water Supply Programme (ARWSP)?</p> <p>Or</p> <p>What are the current initiatives of GOI for implementing the strategy of 'Power for All'? Please explain the process of preparation of a Power Plan for a Region for providing 24x7 power considering district as a region.</p>	20	