

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) NOVEMBER - 2016

M.PLANNING (EPM & URP) - I YEAR I SEMESTER

INFRASTRUCTURE PLANNING (MPIS 106)

Maximum Marks – 50

Time – 2.00 Hours

a) Answer any Two questions out of 1 to 4 questions.

b) Question No.5 is compulsory and answer any four out of six sub-questions.

- Q1. Explain the physical and chemical characteristics of potable water and their implications on public health. (15M)
- Q2. Explain the types of waste. What are the functional elements of Municipal Solid Waste Management? (15M)
- Q3. Describe the duties of CPWD as per the Municipal Solid Waste Management Rules 2016. (15M)
- Q4. Describe TOD and congestion pricing. (15M)
- Q5. Write short notes on any FOUR of the following: (4x5= 20M)
- Define water stressed country, water starved country and absolute scarcity country.
 - Project the quantity of sewage generated in 2040 for a large metropolitan city with a population of 3 Million in 2011 (Population in 2001 = 2.75 Million). Assume per capita demand = 180 lpcd.
 - Define sewage sickness, incineration, leachate.
 - Explain the salient features of Right to Education Act.
 - What do you mean by waste management hierarchy?
 - Write short notes on spatial data infrastructure. What are the components of SDI? Give the frame work of NSDI in India.
