

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) NOVEMBER - 2016

M.PLANNING (EPM) - II YEAR III SEMESTER

ENERGY STUDIES (MPEP306)

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. What is the role of individual and society in addressing the energy crisis? Explain the concept of Transition society and its role in energy planning? (15M)
- Q2. Answer any two of the following three. Explain why you agree or don't agree with this statement (with relevant examples) (15M)
- a) Improved efficiency does not reduce energy consumption
 - b) We have enough time to explore new sources of oil and improve supply
 - c) High Tech Solutions will reduce energy crisis
- Q3. What is peak oil curve? What are the implications of this on modern society? How did Cuba overcome this crisis? (15M)
- Q4. Using Four Quadrant method, explain the relationship between energy consumption and Human Development Index in the WORLD? Take examples of at least three countries. (15M)

Q5. Write short notes on any FOUR of the following six good practices and explain implications for energy planning and spatial planning for each good practice: (4x5=20M)

- a) Bio fuel/Energy from agriculture waste
- b) Air conditioner that wastes Zero water
- c) Energy efficient homes/Green Buildings
- d) Individual level changes in life style leading to energy consumption changes.
- e) Recycling Non degradable Waste
- f) Recycling Bio-degradable waste
