

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA
SEMESTER END EXAMINATIONS (SUPPLEMENTARY) DECEMBER - 2016
B. ARCH IV YEAR VII SEMESTER
BUILDING SCIENCE AND SERVICES (BS-7)
(INTEGRATED ENERGY MANAGEMENT)

Maximum Marks – 60

Time – 2 ½ Hours

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

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

- Q1. Define Energy Audit and write the types of Energy Audits. Explain the procedure of energy Audit in a building. (10+10)
- Q2. What do you understand by the term, 'Green Energy'? Explain how Green Energy is helpful in Sustainable Development? (05+15)
- Q3. Write in brief about the following with the help of sketches. (10+10)
- 1) Nitrogen chain
 - 2) Renewable Energy production Technologies
- Q4. Define Social Forestry. (3+5+12)
What is the need for Social Forestry in society?
Explain the types of Social Forestry.
- Q5. Write short notes on any FOUR of the following: (4x5=20M)
- a) Climate Change
 - b) Energy Conservation Act 2001
 - c) Principles of Energy Efficiency
 - d) Classification of waste
 - e) Energy security
 - f) Fodder
