

**SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA**  
**SEMESTER END EXAMINATIONS (REGULAR) APRIL – MAY - 2017**

**B.PLANNING - II YEAR IV SEMESTER**

**CIVIC AND SOCIAL INFRASTRUCTURE PLANNING (BPLN404)**

**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 three – tier structure of healthcare delivery in India. (15M)
- Q2. Describe the factors to be considered for the siting of Airports. (15M)
- Q3. What is DEWATS? Explain with a process diagram. Mention the advantages and disadvantages of the system. (15M)
- Q4. Explain about the infrastructure considerations in smart cities. (15M)
- Q5. Write short notes on any FOUR of the following: (4x5=20M)
- a) Differentiate LNG, CNG and LPG.
  - b) What do you mean by ANW and LHV in 3-tier healthcare infrastructure?
  - c) Name some of the low cost treatment systems available for sanitation.
  - d) List the SLBs available for water supply in India, as per MOUD guidelines.
  - e) Name a few cost recovery methods for infrastructure planning and development projects in India.
  - f) What is the central idea of Integrated Water Resource Management (IWRM)?

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