

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) APRIL – MAY - 2017

B.PLANNING IV YEAR VIII SEMESTER

Elective-III: WATER SENSITIVE URBAN DEVELOPMENT (10210815)

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. Briefly discuss about the various measures through which storm runoff can be managed? (15M)
- Q2. Explain hydrologic cycle and its components in detail? (15M)
- Q3. Explain in detail about demand-side management of urban water supply. (15M)
- Q4. Explain about designing a neighbourhood with a water sensitive layout? (15M)
- Q5. Write short notes on any FOUR of the following: (4x5 =20M)
- a) Constructed wetlands
 - b) Criteria for selection of technology for waste water treatment.
 - c) Water Sensitive Housing Layout
 - d) Water Pricing
 - e) Bio swales
 - f) Types of Water Demand
