SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) APRIL – MAY - 2017
B.PLANNING III YEAR VI SEMESTER
REGIONAL SCIENCE & PLANNING (10210604)

Maximum Marks – 50   **Time – 2.00 Hours**

*a) Answer any **Two questions out of 1to 4 questions.***
*b) Question No.5 is compulsory and **answer any four** out of six sub- questions.*

Q1.   What is settlement hierarchy? Explain the methodology to **(15M)**
      analyse settlement hierarchy in a region.

Q2.   Explain briefly the sectoral classification and various **(15M)**
      stages involved in preparation of District Development
      Plan.

Q3.   Explain various stages in Rostow model of Regional **(15M)**
      Development.

Q4.   Explain the method of Input-Output Analysis along with   **(15M)**
      postulates and limitations.

Q5.   Write short notes on any FOUR of the following: **(4x5 =**
                                                               20M)

   a) Explain the terms
         i) Threshold
         ii) Range
         iii)Spread Effect
         iv)Backwash Effect
         v) Distribution quotient
   b) Explain the difference between various perspectives of
      Planner, Economist and Geographer for the term
      'Region'
   c) Explain the formula and application of gravity model
   d) Explain briefly three major stages for preparation of
      City – Region Plan
   e) Explain the formula and application of investment
      multiplier
   f) How to calculate measures of distribution and
      association to analyse secondary sector? What
      possible inferences can be drawn using this formula?

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