Total No. of Questions – [06]

MAY 2022 - ENDSEM EXAM
B. TECH. (Computer) (SEMESTER - I)
COURSE NAME: Natural Language Processing
COURSE CODE: CSUA40182C
(PATTERN 2018)
Question Paper Marking Scheme

Time: [1 Hour]   [Max. Marks: 30]

Q.1) a) Correct identification- 1 mark each   [4 marks]

   b) Classification: 2 marks
      Explanation of each class – 4 marks   [6 marks]
OR
Q.2) a) Distributional Semantic Model explanation -2 marks
         Example – 2 marks   [4 marks]

   b) Explanation of Word Sense Disambiguation (WSD)- 2 marks

   Correct explanation of each example - 3 marks   [6 marks]

Q.3) a) Modeling Regex for finding phone number – 2marks

   Modeling Regex for finding email – 2marks   [4 marks]

   b) Identify at least two features of Bootstrapping and Supervised Relation
      Extraction. Construct any real time example for one of the approach   [6 marks]
OR
Q.4) a) each applications of Latent Dirichlet Allocation – 1 mark   [4 marks]
   b) Correct solving of example each step 2 marks   [6 marks]

Q.5) a) Analyze the impact of NLP in Education Sector – 4 marks   [4 marks]

   b) Cross Lingual Information Retrieval introduction – 2 marks
      Justification – 4 marks   [6 marks]

OR
Q.6) a) for each application -1 mark (4 application -4 marks)   [4 marks]

   b) Definition- 1 mark
      Justification – 5 marks   [6 marks]