[P118–134(T1)]

G.R. No.

OCTOBER 2018 / IN - SEM (T1)

F. Y. M. TECH. (Computer Engineering) (SEMESTER - I)

COURSE NAME: Program Elective – II

(Information Retrieval and Web Mining)

COURSE CODE: CSPA11184A

(PATTERN 2018)

Time: [1 Hour]   [Max. Marks: 20]

Instructions to candidates:
1) Answer Q.1 OR Q.2, Q.3 OR Q.4
2) Figures to the right indicate full marks.
3) Use of scientific calculator is allowed
4) Use suitable data wherever required

Q.1) a. Elaborate with example lossy and lossless index compression techniques in IR.   [6]

   b. Explain the concept of Signature files in IR with example.   [4]

OR

Q.2) a. Write on index construction with different techniques.   [6]

   b. What are challenges of unstructured data/text.   [4]

Q.3) a. Write comparative study of Language Models for Information Retrieval.   [6]

   b. Give different types of Query expansion.   [4]

OR

Q.4) a. Use Latent Semantic Indexing (LSI) to rank following documents for the query   [6]
   gold silver truck, and give details.

   d1: Shipment of gold damaged in a fire.

   d2: Delivery of silver arrived in a silver truck.

   d3: Shipment of gold arrived in a truck.

   b. Write a note on Adhoc Retrieval and Pseudo relevance feedback.   [4]