G.R. No.

DECEMBER 2021 / INSEM+ENDSEM
F. Y. M. TECH. (COMPUTER ENGINEERING) (SEMESTER - I)
COURSE NAME: PROGRAM ELECTIVE – II
(INFORMATION RETRIEVAL AND WEB MINING)
COURSE CODE: CSPA11205A
(PATTERN 2020)

Time: [3 Hrs]   [Max. Marks: 60]

Instructions to candidates:
1) All Questions are compulsory
2) Figures to the right indicate full marks.
3) Use of scientific calculator is allowed
4) Use suitable data where ever required

Q.1) a. What are functions of Information Retrieval System?   [5]

     b. Explain document database search.   [5]

Q.2) a. What is relevance feedback in probabilistic model?   [5]

     b. Describe various POS tagging techniques.   [5]

Q.3) a. What is personalization?   [5]

     b. Describe Patent search.   [5]

Q.4) a. Explain need of link analysis along with its applications.   [5]

     b. Give detail architecture of web crawler.   [5]

Q.5) Explain challenges, types, and basic strategies for content-   [10]
     based recommendation system.

Q.6) What are various components of Multimedia IR? Explain in   [10]
     detail.