B. Tech. (CSE) – Professional Elective-IV 7th Semester (G-Scheme) Examination, November–2023

WEB-MINING

Paper–PEC-CSE-405G

Time allowed : 3 hours]   [Maximum marks : 75

Note: *Attempt five Questions in all selecting one from each unit. Question No. 1 is Compulsory.*

1.   (a)   Hyper text data   6×2.5=15

      (b)   Text Mining

      (c)   Latent Semantic Indexing

      (d)   Computational Intelligence

      (e)   Web spamming

      (f)   Information Retrieval

Unit-I

2.   Write short note on the following: 2×7.5=15

      (a)   Web Mining Versus Data Mining.

      (b)   Discovering knowledge from Hyper-text data.

3.   Explain Web-Mining sub-tasks, issues & Challenges.

                                                    15

Unit-II

4.   Explain different information retrieval Models in detail.   15

5. Write short note on the following: 2×7.5=15

   (a) Web Content Mining

   (b) Classification of Web-Page

Unit-III

6. What are optimization Algorithms? Explain in detail. 15

7. What is computational Intelligence? Explain the evolutionary Computation theory & its paradigm. 15

Unit-IV

8. Explain:

   (a) Swarm optimization

   (b) Artificial Bees & Fire-fly Algorithm 2×7.5=15

9. Discuss the applications of swarm techniques in different domains & real World Problems. 15