

Total No. of Questions : 4]

SEAT No. :

P8505

[Total No. of Pages : 1

Oct-22/BE/Insem-103

B.E. (Information Technology)

INFORMATION & STORAGE RETRIEVAL

(2019 Pattern) (Semester - VII) (414441)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q. 1 or Q. 2 and Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Assume suitable data if necessary.

- Q1)** a) Explain information retrieval process with the help of block diagram.[4]
b) Explain conflation algorithm in detail with its advantages & disadvantages. [8]
c) Why is index term weighting used? [3]

OR

- Q2)** a) Explain single link clustering algorithm with suitable example. [8]
b) Discuss difference between data retrieval & information retrieval. [4]
c) Explain Rocchio's algorithm in brief. [3]
- Q3)** a) Explain the concept of suffix trees in information retrieval. [5]
b) Explain the different kinds of searching techniques in IR. [6]
c) Write a short note on probabilistic model. [4]

OR

- Q4)** a) Explain concept of inverted index file. How can it be used in information retrieval. [6]
b) Explain various IR model in detail with their advantages & disadvantages. [9]

