

Total No. of Questions : 4]

SEAT No. :

PC233

[Total No. of Pages : 1

[6361]-99

**B.E. (Information Technology) (Insem)**  
**INFORMATION AND STORAGE RETRIEVAL**  
**(2019 Pattern) (Semester - VII) (414441)**

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4.
- 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 the process to generate document representative of a document with proper example using conflation algorithm. [7]
- b) Differentiate between data retrieval & information retrieval. [4]
- c) Explain information retrieval process with the help of block diagram. [4]

OR

- Q2)** a) Explain single pass clustering algorithm with a suitable example. [8]
- b) What are the different measures of association? Explain any three matching coefficients with suitable examples. [7]

- Q3)** a) Explain the concepts of signature files in information retrieval. [5]
- b) Explain exhaustivity & specificity with respect to index term weighting. [6]
- c) List and explain the types of queries. [4]

OR

- Q4)** a) Explain the concept of inverted index file. How it can be used in information retrieval. [6]
- b) Explain the different kinds of search strategies. [6]
- c) Discuss vector model for information retrieval. [3]

