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SEAT No. :

PE-329

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[6580]-701

**B.E. (Artificial Intelligence and Data Science) (Insem)**  
**INFORMATION RETRIEVAL**  
**(2019 Pattern) (Semester - VII) (417524(B)) (Elective - IV)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) Attempt Q1 or Q2, Q3 or Q4.
- 2) Neat diagram must be drawn wherever necessary.
- 3) Assume suitable data if necessary.

- Q1)** a) Enlist Features of IR System. [6]  
b) Differentiate between Data Retrieval and Information Retrieval. [5]  
c) What is Boolean Retrieval? [4]

OR

- Q2)** a) Write a short note on Vector Space Model. [6]  
b) What are the components of IR Model? [5]  
c) Explain Concept of Text Categorization. [4]

- Q3)** a) Discuss different types of dictionaries in information retrieval. [8]  
b) Explain Static Inverted Index. [7]

OR

- Q4)** a) Explain Index Construction in details. [8]  
b) Explain Query Processing for Ranked retrieval. [7]

