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**Department of Research & Development**  
**Mid - Term Examinations - SEPTEMBER 2024**

<b>Odd Semester:</b> Ph.D. Course Work	<b>Date:</b> 27 /09/2024
<b>Course Code:</b> CSE6005	<b>Time:</b> 2:00pm – 3:30pm
<b>Course Name:</b> Intelligent Information Retrieval	<b>Max Marks:</b> 50
<b>Department:</b> CSE	<b>Weightage:</b> 25%

**Instructions:**

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

**Part A**

<b>Answer ALL the Questions. Each question carries 5 marks.</b>		<b>4Qx5M=20M</b>
1	Compare information retrieval and data retrieval.	5 Marks
2	Discuss about practical issues on the web and visualization in search interface.	5 Marks
3	Explain in detail about inverse document frequency.	5 Marks
4	Consider the following collection of documents.  Document1: "one three" Document2: "three two four" Document3: "one two three" Document4: "one four"  Calculate the term frequency and weight of one, two, three and four.	5 Marks

**Part B**

<b>Answer ALL Questions. Each question carries 15 marks.</b>		<b>2QX15M=30M</b>
5	Explain about the software architecture of intelligent retrieval system with neat sketch.	15 Marks
6	Discuss about neural network model of information retrieval. List the features of network model compare to other models.	15 Marks