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Bengaluru

Mid Term Examinations - October 2026

Date: 07/10/2026 **Time:** 11:45 AM - 01:15 PM

Course Code: CBD2512 **Course Name:** Web Intelligence and Analytics

Semester: Seventh Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	46	44

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	State the purpose of a Search Engine Results Page (SERP)	2	CO1	BT1
2	What is a ranking model in a search engine?	2	CO1	BT1
3	How Does a Search Engine Work?	2	CO1	BT1
4	Identify the purpose of the Streams API.	2	CO2	BT1
5	What is the purpose of the ReadableStream.pipeTo() method?	2	CO2	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain the concept of Supervised Machine Learning with an example.	10	CO1	BT2
7	Describe how Unsupervised Machine Learning works.	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Illustrate Semi-Supervised Machine Learning using a real-world example.	10	CO1	BT2
9	Compare the roles of an agent and an environment in Reinforcement Learning.	10	CO1	BT1

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Discuss the differences between HTML, CSS, and JavaScript in web development	10	CO2	BT2
11	Summarize the role of Sentiment Analysis in understanding user opinions.	10	CO2	BT2

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
12	Summarize the importance of social media, sensors, transactions, and web data as sources of Big Data.	10	CO2	BT2
13	Differentiate between KB, MB, GB, and TB based on their storage capacity.	10	CO2	BT2