
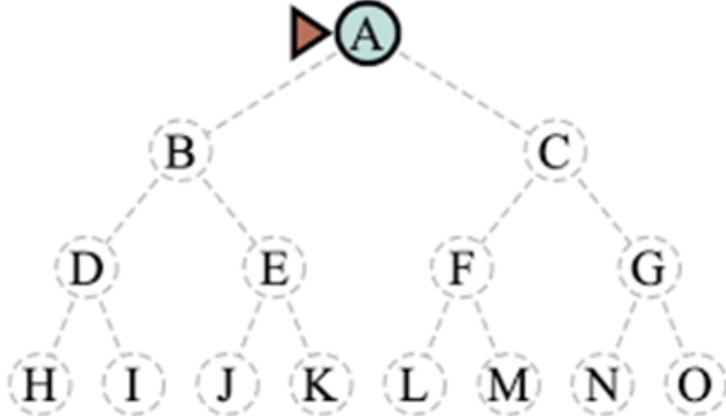


**RK UNIVERSITY**  
**SCHOOL OF ENGINEERING**  
**TCIE - II (March-2024)**

**Program: B. Tech.**  
**Date : 01/03/2024**  
**Duration: 50 Mins**  
**Subject : Artificial Intelligence and Machine Learning**

**Semester: VI**  
**Reporting time: 8:00AM**  
**Total Marks: 20**

Dataset download link: [□ SET-5](#)

Q. No	Do as directed.		Marks
1	a	 <p>Using A* search technique, Find the shortest path with cost..</p>	2
	b	 <p>Perform BFS and DFS on a given graph.</p>	3
2	a	Import necessary files.	1

	b	Read salary.csv dataset. Find out categorical data in the given dataset.	2
	c	Apply label encoding on categorical data.	2
3	a	Read delivery.csv dataset.	1
	b	Find number of columns and number of rows. Find type of data.	2
	c	Which model is suitable for data? Apply model.	2
4	a	Read std_marks_data.csv.	1
	b	Find the number of rows and columns. Is there any null value? If yes then fill null value with average value.	2
	c	Segregate input and output and apply multiple linear regression.	2

\*\*\*\*\*ALL THE BEST\*\*\*\*\*