School of Computing Science and Engineering
B.Tech CSE
ETE - Jun 2023

Time : 3 Hours   Marks : 100

Sem II - D1U1220B - AI For Managers
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1.	Explain partially observable and fully observable environments.	K3 CO3 (5)
2.	With the help of example, explain, why, Indian languages are generally morphologically rich languages?	K1 CO1 (5)
3.	With the use of a block diagram, describe an expert system in detail and list its desirable characteristics.	K2 CO2 (5)
4.	Discuss Baye's Rule with the help of appropriate expressions and derive those expressions.	K4 CO3 (10)
5.	Differentiate between unsupervised and supervised learning.	K1 CO2 (10)
6)	With the help of block diagram, describe in detail that how simple reflex agents function.	K4 CO2 (10)

OR

	What are various types of environments in AI? Discuss stochastic and deterministic environments in detail.	K4 CO2 (10)
7.	How, procedural knowledge representation technique is different from other AI techniques?	K2 CO3 (10)
8.	Comment on benefits of AI in Digital Marketing.	K3 CO3 (15)
9)	A die is thrown three times. Events A and B are defined as below: A : 4 on the third throw B : 6 on the first and 5 on the second throw Find the probability of A given that B has already occurred.	K4 CO4 (15)

OR

	What is AI Marketing? How AI is reshaping marketing operations?	K4 CO4 (15)
10.	A die is thrown twice and the sum of the numbers appearing is observed to be 6. What is the conditional probability that the number 4 has appeared at least once?	K3 CO3 (15)