

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (CSE) (Sem.-6)
MACHINE LEARNING
Subject Code : BTCS-618-18
M.Code : 79257
Date of Examination : 09-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Machine Learning
2. Well-Posed Learning Problems
3. Data integration
4. Data reduction
5. Rsquare
6. Linear Regression
7. K-NN
8. Clustering
9. Recombination
10. Mutation.

SECTION-B

11. What is the need of data Pre-processing? Explain any 2 methods.
12. Explain the various types of Machine Learning.

13. Explain how Naive-Bayes algorithm is useful for learning and classifying text.
14. What are the applications of Neural Network?
15. Explain :
 - a) Naive Algorithm
 - b) Apriori Algorithm.

SECTION-C

16. Explain the concept of classification in detail.
17. Write need and application of Association Rules Learning.
18. Describe the various types of clustering Methods.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.