

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN  
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Com. ISM - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - VI

**24UBIET6B02 - Introduction to Machine Learning**

Total Duration : 1 Hrs.30 Mins.

Total Marks : 40

**Section B**

Answer any **TEN** questions ( $10 \times 2 = 20$  Marks)

1. List the various approaches for Machine Learning.
2. List the functions of Supervised Learning.
3. Give the Example of Logistic Regression.
4. Define Predictive Analysis.
5. Define the term of Image Processing.
6. State any two application s of Supervised Learning.
7. List down the benefits of Machine Learning.
8. Write the advantages of K-Means Clustering.
9. Show the steps involved in Machine Learning.
10. Define Clustering.
11. Define Deep Learning.
12. Write the meaning of MLP( Multilayer Perceptron)

**Section C**

Answer any **FOUR** questions ( $4 \times 5 = 20$  Marks)

13. Explain different types of Machine Learning Techniques.
14. Write down the applications of Neural Networks.
15. Differentiate between Supervised and Unsupervised learning.
16. Explain the concept of Linear regression Analysis.
17. Discuss about Linear Regression with Examples.
18. Briefly discuss about SVM(Support Vector Machine).

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