

HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR

Final year B. Tech. (CSE/IT)
Second Mid-Semester Examination

Even Semester, 2022-23

ECS-482: Machine Learning

Time: 1 hour

MM: 15

Note: Attempt all questions. All questions carry equal marks.

1. Explain KNN with the help of a suitable example. (5)
2. Write Short notes on: (5)
 - a. Support Vector Machine
 - b. Naïve Bayes Algorithms
3. With the help of K-means algorithms ($K=2$) make cluster of the following data: (5)

Height	185	170	168	179	182	188	180	180	183	180	180
Weight	72	56	60	68	72	77	71	70	84	88	67

H.B.T.U KANPUR
II MID SEM EXAM: 2022-23
B.TECH (CS/IT) 4th Year

Subject: Distributed System
Time: 1 hours

Subject Code: ECS-466
MM: 15

Note: Attempt all questions. All questions carry equal marks.

- ✓ 1. What is remote procedure call? Explain the implementation of RMI with example.
2. Explain atomic commit protocol? Differentiate between one phase and two phase atomic commit protocol.
- ✓ 3. Describe the concurrency control with suitable example. Why do we go for optimistic concurrency control?