MCKV INSTITUTE OF ENGINEERING

243, GT ROAD (NORTH), LILUAH, HOWRAH-711204, PH-2654931/17

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ASSIGNMENT FOR CSE-AIML 3rd YEAR 1st SEMESTER YEAR-2024

LAST DATE OF SUBMISSION: - 27/08/2024

Paper Code: - PC-CS(AM) 502   Paper Name: - Artificial Intelligence

NAME (In Bold): -

ROLL NO: -

QUESTIONS	1
CO	CO3
Bloom's Taxonomy Level	Apply
Cognitive Level	IOCQ
MARKS	10

OVER ALL MARKS: -

Signature of Faculty with Date

Question:-

E= All students in University, A=mlale students, B= bowlers, C=Batsmen. Assume that |E|=600, |A|=300, |B|=225, |C|=160. Also, let the number of male students who are bowlers (A intersection B) be 100, 25 of whom are batsmen too (A intersection B intersection C), and the total number of male students who are batsmen (A inetrcection C) be 85. Determine the number of students who are (i) Females (ii) Not Bowlers (iii) Not Batsmen (iv) Females who can bowl but not bat.

Draw the Venn diagram for the given data and answer the questions.