

2025

MBA 1st Semester Examination

MBA

Paper : MBAC409X9

(Computer Applications in Business)

(Practical)

Set - 10

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

Answer all the questions. 10×4=40

1. Using the Mail Merge facility in MS-Word, prepare a membership confirmation letter for a Sports Club for any five members, stating their names, addresses, phone numbers, and membership ID.
2. The following table shows the average annual temperature and electricity consumption of a city from 2013 to 2025

Year	Years of Experience	Productivity Score
2013	2	55
2014	3	58
2015	4	62
2016	5	65

P.T.O.

Year	Years of Experience	Productivity Score
2017	6	68
2018	7	72
2019	8	75
2020	9	78
2021	10	82
2022	11	85
2023	12	88
2024	13	90
2025	14	92

- (a) Calculate the average years of experience and average productivity score.
 - (b) Find the Standard Deviation and Variance for both variables.
 - (c) Determine the Coefficient of Correlation between experience and productivity.
 - (d) Estimate the productivity score of an employee having 12 years of experience.
3. (a) Create a table in MS-Access with database name 'Employee' having the following fields :
- Emp_ID (Number), Emp_Name (Text), Department (Text), Salary (Number)

(b) Insert the following records :

Emp_ID	Emp_Name	Department	Salary
201	R. Mehta	HR	45,000
202	S. Iyer	Finance	55,000
203	A. Khan	IT	60,000
204	P. Sharma	Marketing	50,000

(c) Insert a new column Gender (Text) before the field Department with values M, F, M, M respectively.

(d) Sort the records in descending order with respect to Salary.

(e) Rename the column Department to Emp_Department.

4. A businessman avails a Business Loan in April, 2026 for ₹ 25,00,000 at 10% per annum. The loan is repayable over 10 years through monthly installments, payable at the end of each month.

The first installment is payable at the end of April, 2026.

(a) Find the monthly installment.

(b) Prepare a schedule showing the interest and principal portions of the first four installments.

Viva-voce : 10 Marks
