

Faculty of Management Studies

End Semester Examination May 2025

MS3SE02 Computer Applications in Business

Programme	:	BBA	Branch/Specialisation	:	-
Duration	:	3 hours	Maximum Marks	:	60

Note: All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary.
 Notations and symbols have their usual meaning.

Section 1 (Answer all question(s))

Q1. Which of the following is not a characteristic of a computer?

Marks CO BL
1 1 1

Rubric	Marks
Intelligence	1

- Intelligence Speed
 Accuracy Automation

Q2. Which type of software is specifically designed for a user's requirement?

1 1 1

Rubric	Marks
Tailor-made Software	1

- Firmware System software
 General purpose software Tailor-made software

Q3. What does 'Net Etiquette' primarily refer to?

1 2 2

Rubric	Marks
Polite behavior while communicating online	1

- Speed of internet Safety protocols
 Polite behavior while communicating Rules for building websites
 online

Q4. Which of the following is a widely used Internet Protocol?

1 2 1

Rubric	Marks
TCP/IP	1

- HTML TCP/IP
 HTTP SQL

Q5. What is the primary purpose of a word processor?

1 3 1

Rubric	Marks
Editing and formatting text documents	1

- Creating databases Editing and formatting text documents
 Making spreadsheets Designing websites

Q6. What is the purpose of the 'Tabs' feature in word processing?

1 3 1

Rubric	Marks
To align text at specific horizontal points	1

- To insert tables
- To align text at specific horizontal points
- To create hyperlinks
- To save documents

Q7. Which chart type is best for showing parts of a whole?

1 4 2

Rubric	Marks
Pie chart	1

- Line chart
- Pie chart
- Bar chart
- Column chart

Q8. What does the PMT function calculate in spreadsheets?

1 4 2

Rubric	Marks
Monthly loan payment	1

- Principal amount
- Monthly loan payment
- Interest amount
- Total amount after maturity

Q9. In the context of statistics, which measure identifies the value that occurs most frequently?

1 5 1

Rubric	Marks
Mode	1

Mean Median
 Mode Regression

Q10. What is the primary purpose of graphical representation of data?

1 5 2

Rubric	Marks
To make data visually understandable	1

To store data To make data visually understandable
 To edit data To hide data

Section 2 (Answer all question(s))

Marks CO BL

3 1 4

Q11. Differentiate between interpreter and compiler.

Rubric	Marks
at least three Points that Differentiate between interpreter and compiler.	3

Q12. (a) Explain the different types of computers based on size and performance.

7 1 2

Rubric	Marks
1 mark for introduction 1.5 marks each for any 4 types with explanation 1 mark for example or conclusion	7

(OR)

(b) Describe the functions of an operating system.

Rubric	Marks
1 mark for definition/introduction 1 mark each for 5 valid functions 6 Marks	7

Section 3 (Answer all question(s))

Marks CO BL

3 2 1

Q13. Define 'Internet' and its key characteristics.

Rubric	Marks
Definition provided (1 mark) Key characteristics mentioned (2 mark)	3

Q14. (a) Describe the growth of the internet from its inception to present day.

7 2 4

Rubric	Marks
Early beginnings (ARPANET etc.) explained (2 marks) Expansion in the 1990s (1.5 marks) Role of WWW and browsers (1.5 marks) Current usage trends and statistics (2 marks)	7

(OR)

(b) What is the World Wide Web? How is it different from the Internet? Also, mention two important contributions of WWW to society.

Rubric	Marks
Definition of WWW (2 marks) Difference between WWW and Internet (2 marks) Two contributions explained (1.5 marks each = 3 marks)	7

Section 4 (Answer all question(s))

Marks CO BL

3 3 1

Q15. Mention any three text formatting options available in a word processor.

Rubric	Marks
Each formatting option named and explained (1 mark each \times 3 = 3 marks)	3

Q16. (a) Discuss various methods of formatting text in a word document. Provide examples of each.

7 3 1

Rubric	Marks
Explanation of text formatting (2 marks) Types of formatting (font, size, color, style) explained with examples (5 marks)	7

(OR)

(b) What is page setup in word processing? Explain different page setup options available.

Rubric	Marks
Definition of Page Setup (2 marks) Explanation of options (Margins, Orientation, Paper size, Columns) (1.25 marks each \times 4 = 5 marks)	7

Section 5 (Answer all question(s))

Marks CO BL

2 4 1

Q17. Write the use of the following functions:

SUM, AVERAGE, and MAX.

Rubric	Marks
SUM explained (1 mark) AVERAGE explained (0.5 mark) MAX explained (0.5 mark)	2

Q18. Given the following data:

3 4 3

Sales (X): 10, 20, 30, 40, 50

Expenses (Y): 15, 25, 35, 45, 55

Calculate the INTERCEPT of the line relating Sales and Expenses.

Rubric	Marks
formula: =INTERCEPT(Y2:Y6, X2:X6) if correct answer 3 marks	3

Q19. (a) Using the table,

A	B	C	D	E	F	G	H	I
78	82	65	90	55	88	72	95	60

- Find in numbers, how many students appeared in exam and,
- Find how many students scored more than 80

Rubric	Marks
=COUNT(B2:B10) =COUNTIF(B2:B10, ">80") both 2.5 + 2.5 marks	5

(OR)

(b) Using the data below:

Month	Profit (\$)
JAN	4000
FEB	4500
MAR	4700
APR	4300
MAY	4900

- Find the average profit using AVERAGE.
- Find the highest profit using MAX.
- Find the lowest profit using MIN.
- Find the standard deviation using STDEV.

Rubric	Marks
introduction of all- 1 marks correct answer using correct formula for all four - 4 marks	5

Section 6 (Answer all question(s))

Marks CO BL

3 5 2

Q20. What are mean, median, and mode? Define each one.

Rubric	Marks
Correct definition of Mean (1 mark)	3
Correct definition of Median (1 mark)	
Correct definition of Mode (1 mark)	

Q21. (a) What is ratio analysis? Explain with suitable examples the types of ratios used in business (Liquidity, Profitability, Solvency).

7 5 4

Rubric	Marks
Definition of Ratio Analysis (2 marks)	7
Explanation of Liquidity ratio with example (1.5 marks)	
Explanation of Profitability ratio with example (1.5 marks)	
Explanation of Solvency ratio with example (2 marks)	

(OR)

(b) Explain the procedure to edit, sort slides, and rehearse timing in presentation software.

Rubric	Marks
Editing slides explained (2 marks)	7
Sorting slides explained (2 marks)	
Rehearse timing feature explained (2 marks)	
Importance of these features (1 mark)	
