Roll No:
Date: __/__/____

St. Claret College

Autonomous, Bengaluru

14

UG END SEMESTER EXAMINATION-MAY 2026
BBA: II SEMESTER
BM 2625: ADVANCED COMPUTER APPLICATIONS

TIME: 3 hours. **MAX. MARKS: 80**

This paper contains TWO printed pages and FOUR parts

Instructions:
1. **Verify and ensure that the question paper is completely printed.**
2. **Any discrepancies or questions about the exam paper must be reported to the COE within 1 hour after the examination.**
3. **Students must check the course title and course code before answering the questions.**

PART-A

Answer ALL questions. Each answer carries ONE mark. **[10 x 1 =10]**

1. A data table in excel is
   a) a tool used to format cells b) a feature for what-if analysis
   c) a chart for data visualization d) a function for sorting data
2. Mini charts inside a cell can be created using-
   a) Pivot Table b) Chart Wizard
   c) Sparkline d) Data Table
3. Which of the following best defines e-commerce?
   a) Buying and selling goods offline b) Business using paper transactions
   c) Buying and selling over the internet d) Only social media marketing
4. IoT refers to
   a) Internet of Transactions b) Integration of Technology
   c) Internet of Things d) Interface of Tools
5. Which cloud type is available to the general public?
   a) Private Cloud b) Hybrid Cloud
   c) Public Cloud d) Community Cloud
6. SaaS stands for
   a) Software as a Service b) System as a Software
   c) Service as a System d) Software and System
7. _____ tag is used to create a hyperlink
   a) <link> b) <a> c) <href> d) <url>
8. The purpose of <ol> tag is to create
   a) Ordered list b) Unordered list c) List items d) Description list
9. Data privacy refers to
   a) Sharing all data publicly b) Protecting personal data from misuse
   c) Deleting all data d) Encrypting only passwords
10. Which of the following is an example of malware?
    a) Antivirus b) Firewall c) Ransomware d) Spreadsheet

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PART-B

Answer any THREE questions. Each answer carries EIGHT marks **[3 x 8 = 24]**

11. Explain the use of Goal Seek, Scenario Manager, Solver, and Data table with examples.
12. Discuss the role of social media in e-commerce and online communities.
13. Differentiate Public, Private, and Hybrid Cloud models with examples.
14. Explain the structure of an HTML document and demonstrate basic tags.
15. Discuss the importance of data privacy and cybersecurity in modern IT systems.

PART-C

Answer any THREE questions. Each answer carries TWELVE marks. **[3 x 12 = 36]**

16. a) Explain the concept and usage of the following Excel financial functions with suitable examples. [6]
    i. PV (Present Value)
    ii. NPV (Net Present Value)

    b) A company plans to take a loan of ₹1,00,000 at an annual interest rate of 10% for 5 years. [6]
    i. Calculate the monthly payment using the PMT function.
    ii. Explain how IRR can be used to evaluate an investment project.
17. Create a simple HTML webpage to display student information in a table format.

Name	Age	Course
Rahul	20	BBA
Anjali	21	BCA
Kiran	19	BCom

18. Write a note on E-commerce business models and discuss emerging trends in digital business.
19. Discuss cloud computing architecture and discuss SaaS, PaaS, and IaaS models in detail.
20. Explain IT ethics and discuss major ethical issues in information technology. Include topics like privacy, intellectual property, and digital misuse.

PART-D

Answer ONE question. It carries TEN marks. **[1 x 10 = 10]**

21. A startup company is planning to launch a new online business platform to expand its services digitally. The company intends to use Microsoft Excel to analyze financial data and make informed business decisions. To ensure scalability and accessibility, they plan to host their application on a cloud infrastructure. Additionally, the team aims to design a basic website to interact with customers and provide online services. Since the platform will collect and store user information, the company is also concerned about maintaining data privacy and implementing proper cybersecurity measures.

    Based on the above scenario, answer the following:

    a) Which Excel tools can be used for financial data analysis and why? [2]
    b) Suggest a suitable cloud model for the company and justify your choice. [3]
    c) What basic HTML elements are required to create the website? [2]
    d) What ethical and legal measures should the company follow to ensure user data protection? [3]