

**A-0814**

**Total Pages : 4**

**Roll No. -----**

**BBA-104**

**Computers in Management**

Bachelor of Business Administration (BBA)

1<sup>st</sup> Semester Examination 2024(Dec.)

Time: 2:00 hrs

Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

P.T.O.

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## **Section-A**

### **(Long-Answer-Type Questions)**

Note : Section 'A' contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

[2x19=38]

- Q.1. Discuss the ethical challenges associated with the use of computers, such as data privacy, cybersecurity, and digital ethics.
- Q.2. Discuss how computers have improved accessibility and inclusion for individuals with disabilities.
- Q.3. Classify information into various categories based on its use and characteristics, and elaborate on the essential features of high-quality information. Use examples to demonstrate how the data processing cycle and well-classified, reliable information contribute to effective decision-making in businesses.

Q.4. Define an operating system and discuss its importance.

Explain the different types of operating systems with examples.

Q.5. Explain the role of information systems in business organizations. Discuss the benefits and challenges of implementing such systems.

### **Section-B** **(Short-Answer-Type Questions)**

Note : Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4x8=32]

Q.1. Analyze the impact of poor-quality information on business operations and suggest methods to ensure information quality.

Q.2. Explain the importance of cloud computing and how it has transformed the data processing cycle in modern organizations.

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- Q.3. Discuss the differences between procedural programming and object-oriented programming with suitable examples.
- Q.4. Explain the significance of interpreters, compilers, and assemblers in programming language execution.
- Q.5. Elaborate on the concepts of multiprogramming and multi-user systems. Discuss their advantages and challenges with suitable examples.
- Q.6. Compare and contrast real-time, distributed, and time-sharing operating systems.
- Q.7. Explain the binary number system in detail and discuss its importance in computer systems. Include examples of conversion between binary, decimal, and hexadecimal systems.
- Q.8. Convert the following numbers:
- a. Binary 101101 to decimal and hexadecimal;
  - b. Decimal 179 to binary and octal.
- Explain the process.

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