

**2024**

**BUSINESS ADMINISTRATION — HONOURS**

**Paper : BBAA-105-SEC 1**

**(Information Technology in Business)**

**Full Marks : 50**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**Section - A**

1. Answer *any five* questions : 2×5
- (a) What is business data processing? Give an example.
  - (b) What is data mining?
  - (c) What is Website auditing?
  - (d) Define the terms *data* and *information*.
  - (e) What is a Decision Support System (DSS)?
  - (f) Define candidate key.
  - (g) What do you mean by Encryption and Decryption?
  - (h) Discuss the need of Digital Signature.

**Section - B**

2. Answer *any four* questions : 5×4
- (a) Discuss the implications of privacy breaches on social media.
  - (b) Briefly discuss the role of MIS in improving managerial decision-making at different levels.
  - (c) Describe phishing attacks. How can individuals protect themselves from phishing?
  - (d) What is a URL? Describe its components with an example.
  - (e) Briefly explain cloud computing and its advantages for businesses.
  - (f) Differentiate between Symmetric and Asymmetric Cryptosystem.

**Please Turn Over**

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**Section - C**

Answer *any two* questions.

3. What is a Database Management System (DBMS)? Explain the importance of DBMS in modern business environments. 3+7
  4. What is ethical hacking and how does it differ from malicious hacking? Discuss the importance of ethical hacking in strengthening cyber security. 2+3+5
  5. Explain Internet of Things (IoT). How is IoT revolutionizing industries like healthcare or transportation? 4+6
  6. Write short notes on (*any two*) : 5×2
    - (a) Transaction Processing System (TPS)
    - (b) Cyberstalking
    - (c) Computer Based Information System (CBIS).
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