

2026

**INFORMATION TECHNOLOGY AND ITS APPLICATION
IN BUSINESS — HONOURS**

Paper : SEC-2

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.*

Group - A

1. Answer **any ten** questions :

2×10

- (a) State any two features of an Intelligent Agent.
- (b) How do you differentiate data from information?
- (c) What is an open-source software?
- (d) State the challenges of Big data.
- (e) What is SaaS?
- (f) Differentiate between public and private cloud.
- (g) Define Cyber Espionage.
- (h) What is Clustering in Data Mining?
- (i) Define Denial-of Service (DoS).
- (j) State any two information rights of an Internet user.
- (k) State the functions of an Intelligent Agent.
- (l) What is meant by Virtual Storage? Give Example.
- (m) State any two features of ROLAP.
- (n) State some features of green computing.
- (o) Mention any two limitations of Packet Switching.

Group - B

Answer **any four** questions.

5×4

- 2. Define 'edge computing'. How does it help a modern business?
- 3. Describe the features of a Wireless Sensor Network.

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4. Mention the powers of Presiding officer of the Cyber Appellate Tribunal.
5. What is RFID? Discuss the areas of application of RFID.
6. How can blockchain help to prevent frauds in financial sector?
7. Write a short note on e-Governance.

Group - C

Answer **any one** question.

8. What is a Digital Signature? How can a Digital Signature Certificate be obtained? What are its advantages? 3+2+5
9. State the provisions of IT Act, 2000 in respect of the penalty for failure to furnish information, returns etc. 10