

**2025**

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

**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) Define Internet of Things.
- (b) State the full forms of IP, RFID.
- (c) Differentiate between free software and open source software.
- (d) What do you mean by Digital Signature Certificate (DSC)?
- (e) Define Computer malware.
- (f) Provide any two applications of an Intelligent Agent.
- (g) What is Cloud Computing?
- (h) What do you mean by 'Certifying Authority' in context of I.T. Act, 2000?
- (i) What is meant by CAPTCHA code?
- (j) Mention name of two flash memory devices.
- (k) Define e-governance.
- (l) State any two features of OLAP.
- (m) Define the term Machine Learning.
- (n) What is Cyber Espionage?
- (o) Mention two advantages of client-server architecture.

**Group - B**

Answer **any four** questions.

5×4

- 2. Explain the need of Green Computing.
- 3. State how to overcome the challenges associated with Big Data Analysis.

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4. State, in brief, the benefits of ERP based software solutions.
5. Explain some of the features of an mobile operating system.
6. What is an Expert System? How is it used in business data management?
7. Outline the penalties imposed by a court under I.T. Act, 2000.

**Group - C**

Answer *any one* question.

10×1

8. Describe the components of a digital computer with a proper diagram.
  9. Discuss, in detail, the applications of computers in the present day business world.
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