

**R.N.G.PATEL INSTITUTE OF TECHNOLOGY-RNGPIT**  
(An Autonomous Institute U/s UGC Act 1956)

**IMBA SEMESTER-I, SEMESTER END EXAMINATION – WINTER 2025**

**SUBJECT CODE: 2BB0106**

**DATE: 24-12-2025**

**SUBJECT NAME: FUNDAMENTALS OF INFORMATION  
TECHNOLOGY**

**TIME: 11:00 AM to 01:30 PM**

**TOTAL MARKS: 70**

**Instructions**

1. It is **compulsory** for students to write **Enrolment No. /Seat No.** on the question paper.
2. Write answers of **Section A** and **Section B** in **separate answer books**.
3. Attempt all questions from both **Section A** and **Section B**.
4. Each section carries **35 marks**, with a total of **70 marks** for the examination.
5. The figures to the right of each question indicate full marks, make suitable assumptions with justification.
6. BL - Bloom's Taxonomy Levels (R-Remember, U-Understanding, A –Application, N –Analyze, E – Evaluate, C -Create), CO - Course Outcomes.

**SECTION A**

	<b>Marks BL CO</b>	
<b>Q.1 Multiple-Choice Questions</b>	<b>[05]</b>	
(a) Which of the following is not a type of computer?	<b>1</b>	<b>R 1</b>
(i) Microcomputer		
(ii) Supercomputer		
(iii) Minicomputer		
(iv) Microphone		
(b) ROM stands for:	<b>1</b>	<b>R 1</b>
(i) Read Online Memory		
(ii) Ready Only Machine		
(iii) Random Output Memory		
(iv) Read Only Memory		
(c) Output device example:	<b>1</b>	<b>R 1</b>
(i) Keyboard		
(ii) Monitor		
(iii) Mouse		
(iv) Scanner		
(d) E-commerce means:	<b>1</b>	<b>R 1</b>
(i) Electronic marketing		
(ii) Buying and selling through the Internet		
(iii) Watching movies online		
(iv) Sending emails		

(e) E-Commerce mainly relies on which IT tool? **1 R 1**

(i) Word Processor

(ii) Database & Internet

(iii) Paint Software

(iv) Spreadsheet

**Q.2 Attempt Any Two**

**[10]**

(a) Explain the main parts of CPU with a neat block diagram.

**5 U 1**

(b) Define Data and Information. Explain any three differences between them with examples.

**5 U 1**

(c) Draw Block Diagram of computer System and Explain Input Unit and Output Unit With one example.

**5 U 1**

**Q.3 Attempt Any Two**

**[10]**

(a) Explain the applications of IT in E-commerce with two advantages and disadvantages.

**5 A 2**

(b) Explain how IT is used in Education and Training with examples.

**5 A 2**

(c) What are Programming Languages? Explain their importance and types.

**5 U 2**

**Q.4 Attempt Any Two**

**[10]**

(a) What is a computer? Explain type of computer with example.

**5 U 2**

(b) Explain how IT is used in Entertainment with examples.

**5 R 2**

(c) Define Hardware and Software. Give two examples of each.

**5 R 2**

## SECTION B

Marks BL CO

### Q.5 Multiple-Choice Questions

[05]

- (a) In MS Word, which feature is used to combine a standard document with a list of names and addresses? **1 U 3**
- (i) Track Changes (ii) Hyperlink  
(iii) Mail Merge (iv) AutoFormat
- (b) In MS Excel, what symbol is used to start a formula? **1 R 3**
- (i) = (ii) &  
(iii) \$ (iv) \*
- (c) Which of the following is an example of a logical function in Excel? **1 R 3**
- (i) SUM (ii) AVERAGE  
(iii) IF (iv) COUNT
- (d) In PowerPoint, which view is used to reorder or organize slides easily? **1 U 3**
- (i) Slide Sorter View (ii) Normal View  
(iii) Reading View (iv) Outline View
- (e) What is the default file extension of a PowerPoint presentation in newer versions? **1 R 4**
- (i) .ppt (ii) .pptx  
(iii) .pps (iv) .docx

### Q.6 Attempt Any Two

[10]

- (a) Explain the basic steps for creating, saving, and printing a document in MS Word. **5 R 3**
- (b) What are formulas and functions in Excel? Explain any four commonly used functions with examples. **5 R 3**
- (c) Explain how to create a PowerPoint presentation and customize it with animations and transitions. **5 U 3**

### Q.7 Attempt Any Two

[10]

- (a) Describe the different types of computer networks with examples. **5 R 4**
- (b) What is network topology? Explain any three common network topologies with neat diagrams. **5 R 4**

(c) What is cloud computing? Describe its main service models and advantages. 5 U 4

**Q.8 Attempt Any Two**

**[10]**

(a) Define Internet Security. Explain the importance of Firewall and Anti-Virus software in protecting computers. 5 U 3

(b) Write short notes: Artificial Intelligence (AI) 5 R 4

(c) What is E-mail? Explain its features and benefits in business communication. 5 R 4

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