

# **SHRI GURU NANAK DEGREE COLLEGE PREET VIHAR RUDRAPUR**

**B.com (H) -VI Semester**

**BCH 204: Computer Applications & E-Business**

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## **Section A: Long Answer Questions**

### **Unit 1: Introduction to Computers**

1. Explain the components of a computer system with examples.
2. Discuss the generations of computers and their major characteristics.
3. Explain the Indian computing environment and its development.
4. Describe the classification of programming languages with examples.
5. What is data communication? Explain types of data communication.
6. Differentiate between LAN and WAN with advantages and limitations.
7. Describe the architecture of a computer system.
8. Write a detailed note on the evolution of computer technology.
9. How is data processed in business organizations?
10. Explain the concept of computer networks and their types.

### **Unit 2: Business Applications of Computers**

1. Discuss the role of computers in management with examples.
2. Explain the software development process in detail.
3. Describe computer software systems and their types.
4. How are file design and report design executed in business computing?
5. Explain the types and organization of data files.
6. Write a detailed note on master and transaction files.
7. How do businesses use computers for various operations?
8. Discuss data management and reporting in MIS.
9. Explain how file structures impact data processing.
10. Describe the importance of file and report design in decision-making.

### **Unit 3: Operating Systems & Applications**

1. Define Operating System. Explain its functions and types.
2. Discuss the features and types of Windows OS.
3. Explain how application packages help in business computing.
4. Describe the creation of spreadsheets and their uses in business.
5. What are spreadsheet formulas and functions? Give examples.
6. Explain data processing through word processing software.
7. Discuss the role of DBMS in handling large data sets.
8. Describe the interface and working of MS Excel.
9. Explain different spreadsheet functions used in financial analysis.
10. How can a database management system streamline business processes?

### **Unit 4: EDI & E-Commerce**

1. Define Electronic Data Interchange. How is it used in business?
2. Explain different types of electronic commerce solutions.
3. Discuss B2B, B2C, C2C, G2B, G2C in detail with examples.
4. Write a detailed note on e-commerce laws in India.
5. What is the validity and enforceability of electronic transactions?
6. Discuss the framework for secure electronic transactions.
7. How are digital documents and barcoding used in business?
8. Explain the legal issues associated with electronic commerce.
9. Describe EDI applications in procurement and invoicing.
10. Discuss the role of e-commerce in business transformation.

### **Unit 5: Internet Marketing & E-Commerce in India**

1. Explain the scope and opportunities of e-commerce in India.
2. Discuss the infrastructure issues in implementing e-commerce.
3. Describe the commercial issues in online business.
4. Explain the social and cultural barriers in e-business.
5. How can e-commerce benefit small and medium enterprises in India?
6. Write a note on Dot Com companies and their challenges.
7. Describe the emerging trends in internet marketing.
8. How is internet marketing different from traditional marketing?
9. Explain the tools and platforms used in online promotion.
10. What are the challenges faced by Indian businesses in e-commerce?

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## **Section B: Short Answer Questions**

### **Unit 1**

1. Define computer system.
2. What is a programming language?
3. Define LAN.
4. Write a short note on WAN.
5. What is data communication?
6. Explain the term "Indian computing environment."
7. What is a network?
8. Name the components of a computer.
9. What is the difference between hardware and software?
10. Write any two uses of computers in business.

## **Unit 2**

1. Define MIS.
2. What is a master file?
3. Write a short note on transaction files.
4. What is system software?
5. Define file design.
6. What is the role of computers in management?
7. Mention two examples of software systems.
8. Define application software.
9. What is a report design?
10. Mention any two uses of data files.

## **Unit 3**

1. What is an operating system?
2. Define spreadsheet.
3. Name any two spreadsheet functions.
4. What is formula in MS Excel?
5. Define DBMS.
6. Name any two operating systems.
7. What is word processing?
8. Give any two uses of spreadsheet in business.
9. What is data processing?
10. Name two applications used in Windows OS.

## **Unit 4**

1. What is EDI?
2. Define e-commerce.
3. What is B2C model?
4. Define barcoding.
5. What is a digital document?

6. Mention two legal issues in e-commerce.
7. What is C2C model?
8. Define G2C.
9. What is electronic commerce law?
10. Name any two applications of EDI.

## Unit 5

1. Define internet marketing.
  2. What is Dot Com?
  3. Mention one infrastructure issue in e-commerce.
  4. What is a commercial issue in e-business?
  5. What is social barrier in online trade?
  6. Define emerging trend.
  7. Mention two benefits of e-commerce.
  8. Define online promotion.
  9. Give an example of an e-commerce website.
  10. What is online transaction?
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## Section C: Multiple Choice Questions

### Unit 1

1. Which of these is not a component of a computer system?
  - a) CPU
  - b) Monitor
  - c) Joystick
  - d) Generator
  - ☒ **Answer: d**
2. LAN stands for:
  - a) Large Area Network
  - b) Long Area Network
  - c) Local Area Network
  - d) Logical Area Network
  - ☒ **Answer: c**
3. WAN connects:
  - a) Only offices

- b) Within cities
- c) Across countries
- d) Same building
- ☒ **Answer: c**

4. Data communication involves:

- a) Printing
- b) Transmission of data
- c) Calculation
- d) Formatting
- ☒ **Answer: b**

5. The 4th generation computers used:

- a) Vacuum tubes
- b) Transistors
- c) Microprocessors
- d) Magnetic tape
- ☒ **Answer: c**

6. Which is not a type of network?

- a) LAN
- b) WAN
- c) MAN
- d) BAN
- ☒ **Answer: d**

7. Computers process data into:

- a) Code
- b) Text
- c) Information
- d) Software
- ☒ **Answer: c**

8. First generation computers used:

- a) Chips
- b) Transistors
- c) Vacuum tubes
- d) ICs
- ☒ **Answer: c**

9. What is an example of input device?

- a) Printer
- b) Scanner
- c) Monitor

- d) Speaker
  - ☒ **Answer: b**
10. Programming language used in early computers:

- a) Java
  - b) C++
  - c) Assembly
  - d) Python
  - ☒ **Answer: c**
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## Unit 2: Business Applications of Computers

1. Which is an application software?

- a) Windows
- b) MS Word
- c) BIOS
- d) UNIX
- ☒ **Answer: b**

2. A master file contains:

- a) Temporary data
- b) Transaction data
- c) Permanent records
- d) Shortcuts
- ☒ **Answer: c**

3. What does MIS stand for?

- a) Managed Info Service
- b) Management Information System
- c) Main Information Storage
- d) Master Input System
- ☒ **Answer: b**

4. Which of the following is a utility software?

- a) Antivirus
- b) Spreadsheet
- c) Word processor
- d) Compiler
- ☒ **Answer: a**

5. Which file stores real-time updates?

- a) Report file
- b) Master file
- c) Transaction file
- d) Log file
- ☒ Answer: c

6. File design refers to:

- a) Creating website
- b) Storing documents
- c) Structuring of data files
- d) Writing code
- ☒ Answer: c

7. File organization means:

- a) Creating passwords
- b) Data entry
- c) Arranging data efficiently
- d) Formatting pages
- ☒ Answer: c

8. A software development process begins with:

- a) Implementation
- b) Testing
- c) Design
- d) Requirement analysis
- ☒ Answer: d

9. Role of computers in management includes:

- a) Typing letters
- b) Generating reports
- c) Drawing pictures
- d) Browsing websites
- ☒ Answer: b

10. Which is a type of software system?

- a) Database
  - b) Operating System
  - c) Excel
  - d) PowerPoint
  - ☒ Answer: b
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## Unit 3: Operating Systems & Applications

1. Which of these is not an operating system?

- ☐ a) Linux
- ☐ b) Unix
- ☐ c) Windows
- ☐ d) Oracle
- ☒ Answer: d

2. Spreadsheet software is used for:

- ☐ a) Audio editing
- ☐ b) Text formatting
- ☐ c) Calculations
- ☐ d) Drawing
- ☒ Answer: c

3. In MS Excel, a cell is:

- ☐ a) A column
- ☐ b) A row
- ☐ c) An intersection of row and column
- ☐ d) A formula
- ☒ Answer: c

4. DBMS stands for:

- ☐ a) Digital Business Management System
- ☐ b) Database Management System
- ☐ c) Data Backup Main Server
- ☐ d) Distributed Base Memory Store
- ☒ Answer: b

5. A common spreadsheet function is:

- ☐ a) =SUM()
- ☐ b) =TEXT()
- ☐ c) =CAPTION()
- ☐ d) =TABLE()
- ☒ Answer: a

6. Word processing helps in:

- ☐ a) Calculating taxes
- ☐ b) Writing documents
- ☐ c) Managing databases
- ☐ d) Creating graphs
- ☒ Answer: b



7. Windows is a:

- ☐ a) Software application
- ☐ b) Utility tool
- ☐ c) Programming language
- ☐ d) Operating System
- ☒ Answer: d

8. Shortcut for saving file in Windows:

- ☐ a) Ctrl + A
- ☐ b) Ctrl + S
- ☐ c) Alt + S
- ☐ d) Shift + S
- ☒ Answer: b

9. Which file format is used in MS Excel?

- ☐ a) .docx
- ☐ b) .xlsx
- ☐ c) .ppt
- ☐ d) .txt
- ☒ Answer: b

10. A DBMS helps in:

- ☐ a) Printing documents
- ☐ b) Editing images
- ☐ c) Managing data
- ☐ d) Drawing shapes
- ☒ Answer: c

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## Unit 4: EDI & E-Commerce

1. EDI stands for:

- ☐ a) Electronic Data Interface
- ☐ b) Electronic Data Interchange
- ☐ c) Electric Digital Input
- ☐ d) Email Data Integration
- ☒ Answer: b

2. B2B means:

- ☐ a) Business to Business
- ☐ b) Buyer to Buyer

- c) Bank to Bank
- d) Brand to Brand
- ☒ Answer: a

3. An example of e-commerce law is:

- a) Banking Act
- b) IT Act
- c) Sales Tax Act
- d) Income Tax Act
- ☒ Answer: b

4. E-commerce involves:

- a) Offline shopping
- b) Cash-only deals
- c) Internet-based transactions
- d) Manual records
- ☒ Answer: c

5. Which is a legal issue in e-commerce?

- a) Order delays
- b) Enforceability of e-contracts
- c) Delivery speed
- d) Customer care
- ☒ Answer: b

6. What is barcoding used for?

- a) Decoration
- b) Price labeling
- c) Data capture
- d) None
- ☒ Answer: c

7. G2C refers to:

- a) Government to Customer
- b) Google to Consumer
- c) Goods to Client
- d) Gateway to Commerce
- ☒ Answer: a

8. The term 'Digital Signature' is associated with:

- a) Manual payments
- b) E-transactions
- c) Bank passbook
- d) Email writing

- ☒ Answer: b
  - 9. An e-commerce solution includes:
    - a) Cash register
    - b) Shopping cart software
    - c) Landline phone
    - d) Postal mail
    - ☒ Answer: b
  - 10. Which is not an e-commerce model?
    - a) C2C
    - b) B2B
    - c) A2Z
    - d) G2B
    - ☒ Answer: c
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## Unit 5: Internet Marketing & E-Commerce in India

1. Which of the following is an example of Dot Com company?
  - a) Flipkart
  - b) LIC
  - c) SBI
  - d) BHEL
  - ☒ Answer: a
2. Internet marketing mainly uses:
  - a) Newspapers
  - b) Social media
  - c) Radio
  - d) Billboards
  - ☒ Answer: b
3. Which is not a commercial issue in e-commerce?
  - a) Pricing
  - b) Delivery
  - c) Language barrier
  - d) Payment gateway
  - ☒ Answer: c
4. E-commerce is beneficial for:
  - a) Only MNCs

- b) Local Kirana shops
- c) SMEs and startups
- d) Only government firms
- ☒ Answer: c

5. Infrastructure issues include:

- a) Legal contracts
- b) Cultural values
- c) Internet connectivity
- d) Website design
- ☒ Answer: c

6. Online platforms for marketing include:

- a) Flipkart
- b) Amazon
- c) Instagram
- d) All of the above
- ☒ Answer: d

7. Social issue in e-commerce:

- a) Data theft
- b) Cultural resistance
- c) Payment errors
- d) Refund policies
- ☒ Answer: b

8. One advantage of internet marketing:


- a) Low reach
- b) Delayed response
- c) 24/7 availability
- d) High distribution cost
- ☒ Answer: c

9. Which is an emerging trend in e-business?

- a) Manual invoicing
- b) Artificial Intelligence
- c) Landline phones
- d) Offline billing
- ☒ Answer: b

10. What is a challenge in Indian e-commerce?

- a) Fast growth
- b) Weak infrastructure
- c) Low demand

- d) International access
  -  Answer: b
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