

COMPUTER SCIENCE.

CHAPTER NO. 1

BASIS OF INFORMATION TECHNOLOGY.

SHORT QUESTIONS.

1. Define system software.
2. Define computer?
3. Give two example of Application software.
4. Why does application software need operating system?
5. Why is it important to test a system before use?
6. Define system design phase of SDLC?

LONG QUESTIONS.

1. Discuss four primary components of computer system.
2. What is Software? Describe different typed of Software.
3. What is software? Describe different Categories/Types of software.

CHAPTER NO. 2

INFORMATION NETWORK.

SHORT QUESTIONS.

1. State the purpose of telecommunication.
2. Discuss the concept of Global village?
3. Write down the components of an information system?
4. Distinguish between frame and Packet?
5. What is group ware?
6. Describe Dejure standard.

LONG QUESTIONS.

1. What is ring topology? Explain its working with diagram. Write its two advantages and two disadvantages.
2. What is ring Topology? Explain its working with diagram also discuss its advantages and disadvantages.

CHAPTER NO. 3

DATA COMMUNICATIONS.

SHORT QUESTIONS.

1. Difference between Sender and Receiver elements of Data Communication System?
2. What is meant by Data encoding?
3. Define Signal.
4. How is data transmitted in asynchronous transmission?
5. What is asynchronous transmission?

LONG QUESTIONS.

1. Define a signal. Explain the types of signal in data communication?
2. Briefly describe guided media type.
3. Define data communication. Explain basic components of communication system.

CHAPTER NO. 4

APPLICATION AND USES OF COMPUTER.

SHORT QUESTIONS.

1. What is desktop publishing?
2. Describe electronic banking.
3. How computer can be used in departmental stores.
4. How computers are used in marketing.

LONG QUESTIONS.

1. Explain how computer can be useful in business.
2. Define the CBT training.
3. Describe the online shopping and banking.

CHAPTER NO. 5

COMPUTER ARCHITECTURE.

SHORT QUESTIONS.

1. Describe the function of Input/output unit.
2. Differentiate between SRAM and DRAM.
3. Differentiate between Volatile and Non-Volatile Memory?
4. Why EPROM is used?
5. Describe the role of memory Management?
6. List activities performed by Control unit?

LONG QUESTIONS.

1. Differentiate between Fetch instruction and Decode instruction.
2. Differentiate between Compiler and Interpreter.

CHAPTER NO. 6

SECURITY, COPYRIGHT AND THE LAW.

SHORT QUESTIONS.

1. Difference between virus and Antivirus.
2. List some types of viruses.
3. What is Data Protection?
4. What is meant by Encryption?
5. Why it is necessary to back-up data regularly?

LONG QUESTIONS.

1. Define computer virus. Describe three cause of spreading virus and three methods to protect from viruses.
2. Explain four different causes of virus spreading.
3. Write a detailed note Rudolf, Trojan House, Logic Bomb and book sector viruses.
4. What is Security Threat? Explain different solutions to the security threats.

CHAPTER NO. 7

WINDOWS OPERATING SYSTEM.

SHORT QUESTIONS.

1. State the purpose of operating system.
2. What is desktop?
3. Define Extended Partition.
4. Describe Primary Partition and Extended Partition?
5. Discuss different features of Windows 2000 operating system.

LONG QUESTIONS.

1. Give a comparison between Command Line operating system and Graphical USER Interface.
2. What do you mean by plug and play? Does Windows 2000 provide this feature?

CHAPTER NO. 8

WORD PROCESSING.

SHORT QUESTIONS.

1. List any two uses of word processor uses of word processor.
2. What are advantages of word processor over typewriter?
3. Write down names of two simple text editors?
4. What are headers and footers in Microsoft word?

LONG QUESTIONS.

1. Describe formatting features for paragraph formatting.
2. Describe features of a full-featured word processor.

CHAPTER NO. 9

SPREADSHEET SOFTWARE.

SHORT QUESTIONS.

1. What is the most powerful feature of worksheet and why?
2. State the advantages of Named Ranges?
3. What are functions in Ms-Excel?
4. Write the formula for calculating the average of cell 82 and 83.
5. Differentiate between Labels and Viruses.

LONG QUESTIONS.

1. What are the advantages of using a spreadsheet program?
2. Define spreadsheet and discuss its basic features.

CHAPTER NO. 10.

FUNDAMENTAL OF THE INTERNET.

SHORT QUESTIONS.

1. What is the role of internet service?
2. Define Email Attachment?
3. Define IP Addressing?
4. What is the role of internet service provider?

LONG QUESTIONS.

1. What do we mean by Addressing schemes? How many types of addressing is used on the internet/Discuss briefly.