CHAPTER: 1  INTRODUCTION TO COMPUTERS

**TWO MARKS QUESTIONS.**
1. What are peripheral devices?
2. What do you mean by an algorithm?
3. What is a word processor software?
4. What is analog computing system?
5. What is laptop computer?
6. Write a note on Difference Engine?
7. What is tabulating machine? What purpose does it serve?
8. What is complier?
9. What is purpose of utility programs?
10. What is Rotating wheel calculator?

**THREE MARKS QUESTIONS:**
1. What is a computer?
2. Define “Data”?
3. Define “Information”?
4. What is an operating system?
5. What is meant by software? How are they classified?
6. What is an application software?
7. What is a hybrid computer?
8. What are pen-based computers or personal digital assistants?
9. What is Super Computers?
10. Give an account Workstation?

CHAPTER: 2  NUMBER SYSTEMS

**TWO MARK QUESTIONS:**
1. Convert the decimal number into octal number: 512
2. Convert the decimal number into hexadecimal number: 512
3. Convert the decimal number into octal number: 1729
4. Convert the decimal number into hexadecimal number: 1729
5. Convert the binary number into octal number: 1001_2
6. Convert the binary number into hexadecimal number: 1001_2
7. Convert the following hexadecimal numbers to binary numbers:
   (a) F2  
   (b) 1A8  
   (C) 39EB
8. What is BIT?
9. Distinguish MSB and LSB?
10. Represent -23 in a 8 bit representation?
11. Calculate the sum of the numbers 1100_2 and 1011_2?
12. What is a meant by literal?
13. What is a product term?
14. What is minterm?
15. What is sum term?

(B) THREE MARKS QUESTIONS:
1. Convert the decimal number into binary number: 512
2. Convert the decimal number into binary number: 1001
3. Write -27 as an 8-bit 2’s complement number?
4. What are logical operations? How are they represented?
5. Write a short note on AND operator?
6. Write a short note on OR operator?
7. Write a short note on NOT operator?
8. What is meant by NOR operator?
9. State the laws of complementation?

CHAPTER: 3 COMPUTER ORGANIZATION

TWOMARKS QUESTIONS
1. What do you mean by memory access time?
2. List few commonly used input devices?
3. What is an output device?
4. What is a control unit?
5. What are registers?
6. What is a bus?
7. What is Smart Cards?
8. What is aspect ratio?
9. What is a line printer?
10. What is mean by cache?
11. What is flash memory?
12. What is mean by seek time?

THREE MARKS QUESTIONS:
1. What are the functional units if a computer system?
2. Write the essentials of the stored program concept?
3. Write the main functions of the central processing unit?
4. What are the different types of main memory?
5. What is the advantage of EEPROM over EPROM?
6. What is the role on ALU?
7. What is Bar code Reader?
8. Mentation any three characteristics of impact printers?
9. Mentation any four characteristics of non-impact printers?
10. Write a note on Laser Printer?
11. What is meant by rotational latency?
12. Define memory read and memory write operation?

CHAPTER: 4 WORKING PRINCIPLE OF DIGITAL LOGIC

TWO MARKS QUESTIONS:
1. What is a logic gate?
2. List the fundamental logical gates?
3. Why NAND and NOR gates are called universal gates?
4. What is a half adder?
5. What is a combinational circuit?
6. What is a sequential circuit?
7. What is an adders?
8. What is a flip – flop?

THREE MARKS QUESTIONS:
1. How AND gate can be realized using NOR gate?
2. How OR gate can be realized using NAND gate?
3. What is a full adder?
4. What is electronic workbench?

CHAPTER: 5 OPERATING SYSTEM

TWO MARKS QUESTIONS:
1. Who will access the computer hardware directly?
2. Define an OS?
3. Write the two types of software?
4. What is application software?
5. What is meant by data security?
6. What is resident monitor?
7. What is DMA?
8. What is meant by spooling?
9. How is spooling superior to buffer?
10. What is meant by job scheduling?
11. What is meant by system call?
12. What is a directory?
13. Write a note on system level security?
14. Who provides network security?
15. What does fault tolerance refer to in operating system?
16. What are the types of operating system?

**THREE MARKS QUESTIONS:**
1. What is a system software?
2. List the goals of the operating system?
3. What is meant by multiprogramming?
4. What is time – sharing?
5. Write a note on multi-user operating system?
6. What are the objective of CPU scheduling?
7. Mention the levels of securities provided by the operating system to the user?
8. What is FIFO?

**CHAPTER: 6 COMPUTER COMMUNICATIONS**

**TWO MARKS QUESTIONS:**
1. List the general types of network used today?
2. Explain WAN?
3. What is a computer network?
4. What is meant by network topology?
5. What is a hybrid network?
6. What is a protocol?
7. What is meant by file transfer?
8. What is LAN?
9. What is WAN?
10. What is a node?
11. What is meant by data migration?
12. What is meant by modulation?
13. What is meant by demodulation?
14. What is modem?
15. What is an internet?
16. What is a home page? What does it contain?
17. What is meant by surfing or browsing?
18. What is meant by hyperlink?
19. What is meant by FTP?
20. What is telnet?
21. What is an ISP?
22. What are search engines?
23. What is URL?

THREE MARKS QUESTIONS:
1. What are the elements that a computer communication should ensure?
2. How data is transmitted in different forms?
3. What is TCP/IP?
4. What is the role of ICANN?
5. What is meant by file archiving?
6. What is a NIC?
7. What is meant by intranet?
8. What is extranet?
9. What are the benefits of network?

CHAPTER: 7 AN INTRODUCTION TO WINDOWS XP

TWO MARKS QUESTIONS:
1. What are the two different types of files?
2. What is interface?
3. What is meant by network?
4. What is purpose of Quick launch toolbar?
5. What is a window?
6. How will you move a window?
7. What do you mean by customizing window XP?
8. What is a wallpaper?
9. What is calculator? Give the command to start a calculator?

10. What do you mean by word wrap?

11. What is an active window?

12. Distinguish between copying and moving data?

13. What is stand – alone computer?

14. What is WordPad?

15. What is cursor?

**THREE MARKS QUESTIONS:**

1. What is Windows XP?

2. What is desktop? What are the things you see on the desktop?

3. How can you customize the desktop?

4. How do you switch between multiple applications?

5. List out the keys for equivalent mouse action?

6. What are the steps to be followed while logging off the computer?

7. Mention the different methods in which you can save a file?

8. How will you change the size of a window?

9. Distinguish between insert mode and overwrite mode?

10. What is a clipboard?

11. Write a note on clipbook?

12. What is Title Bar?

**CHAPTER: 8 WINDOWS EXPLORER**

**TWO MARKS QUESTIONS:**

1. What are files and folders?

2. What is the difference between copying and moving files?

3. How many components does a file name have? What are they?

4. How is the explorer bar classified? What are they?

5. What is a clipboard?

6. Mention the two ways in which the user can create shortcuts?

7. What is the disadvantages of using RUN command?

8. What is computer virus?

9. What are file infectors?

10. What is antivirus?
11. What is notification area?
12. What is Auto play?
13. What is Thumbnails view?
14. What is meant by word wrap?

**THREE MARKS QUESTIONS:**
1. What is the Run command used for?
2. What is a Recycle Bin?
3. What is Folder?
4. How will you utilise the run command?

**CHAPTER: 9 LINUX**

**TWO MARKS QUESTIONS:**
1. Who is the super user?
2. How will you change your current password?
3. How will you know you’re a hidden file name?
4. How will you know your working directory?
5. What are the essential conditions to remove a directory using rmdir command?
6. How can you copy a directory along with all files in the directory?
7. What is POSIX?
8. What is root directory?
9. What is dot files?
10. What is shell script?
11. What is Login shell?
12. Write short note on BASH shell?

**THREE MARKS QUESTIONS:**
1. What are the rules that you should follow when you change your password?
2. What is the difference between the commands rm-r and rmdir?
3. Distinguish between pipes and redirection?
4. Distinguish between mv and cp commands?
5. How will you copy contents file 1 into file 2 in different ways?
6. What is group users?
7. What are the two types of path name? And explain it.
8. What is cat command?
9. What is tee command?