BC-102

1. What is memory? Distinguish between primary and secondary memory.
2. What is output device? Discuss the list of output device used in digital computer.
3. What is system software? Explain the types of Operating System.
4. Define the term Software. Discuss the different types of software in details.
5. Write short notes on any two of the following
   a) Compiler
   b) Characteristics of Computer
   c) Function of Operating System
6. What is input device? Discuss the list of Input device used in digital computer.
7. What is Operating System? Explain the functions of Operating System.
8. What is application software? Distinguish between application software and system software.
9. Explain primary memory of Computer in details.
10. What important development took place during the fifth generation of Computer?
11. Define the term language translator. Discuss the different types of language translator in details.
12. What is printer? Discuss the types of printer in detail.
13. Explain the classification of Computer in detail.
14. What is Flowchart? Explain different symbols of flowchart. Also explain the advantages and disadvantages of flowchart.
15. What is modular programming? What are the advantages of modular programming?
16. Describe pseudo code. Explain the rules for writing a pseudo code?
17. What is decision table? Explain with example.
18. Draw flowchart to print factorial of a given number.
19. What are the advantages and disadvantages of Algorithms?
20. Develop a flowchart to print 10 terms of Fibonacci series.

BC-103

1. Explain the term Business Communication along its various types.
2. Discuss the various characteristics of communication. Also explain the term "Organisation Barrier" and "Language Barrier".
3. Explain the various methods of upward communication. Also, discuss the various methods as well as demerits of upward communication.
4. What is System Analysis? What is the need of System Analysis?
5. What do you mean by "Barriers to Communication"? Also explain various barriers to communication.
6. Explain the various components of any business letter.
7. Explain in detail the concept of Receipt and Dispatch of mail.
8. What do you mean by sales letter? Explain the AIDA approach of sales letter.
9. Describe the 8C's of any business letter.
10. What is Information? What are its characteristics? Discuss the classification of Information.
11. What are the methods for the collection of data in MIS?
12. Explain different phases of System Development Life Cycle (SDLC).
13. What do you mean by feasibility study? Explain different types of feasibility.
14. What do you mean by Decision Support System? Explain the characteristics and components of Decision Support System.
15. How would MIS contribute to effective decision making.
16. Define System. Explain with the example various types of System. Explain open and closed system
17. What is Management Information System? Describe its classification. Discuss its impact on people, organisation and the management style.
18. What is decision making? What is the role of information system in supporting decision making.
19. Write short notes on any two of the following:-
    a) Knowledge based system
    b) MIS Planning

c) Value of Information
d) System Analysis and Design
e) Types of information
f) MIS goals

BC-104

1. What is C language? Explain its features and application.
2. Describe the basic data types available in C.
3. What are the characteristics of C Language?
4. Discuss the different types of decision making and branching statements in C with syntax and example.
5. What is loop? Distinguish between for loop and do….while loop with example.
6. What is a pointer? Explain its use with an example.
7. What are C keyword? List any three keywords with their use.
8. What are formatted and unformatted functions? Give examples.
9. Explain the terms variables and constants. How many types of variables are supported by C?
10. What do you mean by decision making statements? Explain if…..else and switch case statement.
11. What is string? Write down any 5 string function with syntax and example.
12. Distinguish between while loop and do… while loop in C with example.
13. What is function? Describe the normal and recursive function with example.
14. What is actual and formal parameter?
15. What is structure? Write a C programme to show the concept of structure.
16. What is recursion? Explain with example.
17. Write short notes on any two of the following:
    a) Control structure in C
    b) Array
    c) String
    d) Jump statement in C
    e) Parameter passing techniques.
    f) Call by value and call by reference
    g) break
    h) for loop
18. Write a program in C language to calculate area of triangle using function with error handling.
19. Write a program in C language to check a given year for leap year.
20. Write a program in C language to reverse a given number using for loop.
21. Write a program in C language to interchange the value of two variables using pointers.
22. Write a C program to enter three numbers and print largest of the given three numbers.
23. Write a C program to print a table of given number.
24. Write a C program to print all prime numbers from 2 to n given number.
25. Write a C program to print factorial values of given integer using function.
26. Write a C program to multiply two m x n matrices.
27. Write a C program to enter a string. Print how many vowels, consonants and words are present in the given strings?
28. Write a "C" programme to enter a number. Check that given number is Armstrong number or not.
29. Write a program in C to check a given number is palindrome or not.
30. Write a program in C to check a given number is prime or not.