

VPMP Polytechnic
Computer Department
BCP (4310702)
Questions Bank

- 1) What is Flow chart? Draw and Explain symbols of Flowchart.
- 2) Give advantages and disadvantages of flowchart.
- 3) What is Algorithm? Give advantages and disadvantages of Algorithm.
- 4) List the features of C.(List the advantages of C.)
- 5) Draw a basic structure of C program and explain in short.
- 6) Define C Tokens (with types), keywords and identifiers, constants.
- 7) List the basic data types with its size and range.
- 8) List operators available in C. Explain Arithmetic, Relational, Logical operators in C.
- 9) Explain Conditional and bitwise operators in C.
- 10) Explain explicit and implicit type casting.
- 11) Explain Nested If-else statement with example.
- 12) Explain If-else-if Ladder statement with example.
- 13) Explain Switch statement with example.
- 14) Explain while loop and do-while loop with example.
- 15) Compare While loop and do-while loop.(Compare Entry-control and Exit-control loop)
- 16) Explain for loop with example.
- 17) Explain Break and continue statements with example.
- 18) Define array. Give characteristics of an array.
- 19) What is an array? How to declare and initialize 1-D array.
- 20) How to declare and initialize 2-D array.
- 21) Define String. How to declare and initialize string.
- 22) Explain gets () and puts ().
- 23) Define pointer. How to declare and initialize pointer.
- 24) Explain void pointer.
- 25) Explain pointer to pointer.
- 26) What is user defined(UDF) and library function? Explain with two example of each.
- 27) Explain call by value with example.
- 28) Explain call by reference with example.
- 29) Explain recursion with example.
- 30) Explain following string function with example.
(1) strcpy() (2) strcat() (3) strcmp() (4) strlen()
- 31) List out math in-built functions.
- 32) List available storage class in C.
- 33) Explain enumerated data type with example.
- 34) How to declare a structure? State the difference between structure and union.
- 35) Differentiate between array and structure.
- 36) Define File. List files operations. Explain fopen(),fclose(),fscanf() &fprintf () functions with examples.