

VPMP Polytechnic
1st Semester, Computer Department

Questions bank
BCP (4310702)

- 1) What is Flow chart? Draw and Explain symbols of Flowchart.
- 2) What is Algorithm? Give advantages and disadvantages of Algorithm.
- 3) Write a C program to calculate the Area of Circle.
- 4) Draw Flowchart to Calculate the Area of Circle. Write down algorithm for the same.
- 5) Explain the features of C.
- 6) Draw and explain basic structure of C program.
- 7) Explain C Tokens.
- 8) Explain keywords.
- 9) Explain Constants with example.
- 10) Define variable. List out rules for variable naming.
- 11) List the basic data types with its size and range.
- 12) List operators available in C. Explain Logical and Conditional operators in C.
- 13) Explain Relational operators in C.
- 14) Explain if-else if ladder with example.
- 15) Explain Switch statement with example.
- 16) Explain while loop with example.
- 17) Explain for loop with example.
- 18) Compare Entry controlled and Exit controlled loop.
- 19) Convert the following expression into its equivalent C expression.
 - (1) $y = ax^2 + bx + c$
 - (2) $y = \frac{m_1 + m_2}{1 - m_1 m_2}$
 - (3) $y = \sqrt{s(s-a)(s-b)(s-c)}$
 - (4) $y = \sqrt{a^2 + b^2}$