

## Question Bank (I scheme)

Name of subject: Programming in 'c'(PCI)  
Subject code:22226  
Semester: II

Unit Test :I  
Course : CM/IF

### CHAPTER-1 Program Logic Development (18 Marks)

#### 2 Marks

1. Write advantages of algorithm.
2. Explain the term algorithm.
3. Explain the term flowchart.

#### 4 Marks

4. Explain all flow chart symbols.
5. Write algorithm and flow chart to find area of circle/rectangle.
6. Explain algorithm analysis.

### CHAPTER-2 Basics of C Programming(30Marks)

#### 2 Marks

7. What is keyword? List any four keywords of 'c' ?
8. Define variable and constant with syntax and example.
9. Define term:

- Token
- Operator
- Identifier
- Data type with storage size.

#### 4 Marks

10. Explain arithmetic and logical operator.
11. Explain increment/decrement operator with example.
12. Explain formatted i/o and o/p statement with example.
13. Explain conditional operator with example.
14. Explain declaration and initialization of variable with example.
15. Explain relational operators supported by 'c'. Write c program illustrating its use.

### CHAPTER-3 Control Structure(34 Marks)

#### 2 Marks

16. What is decision making and branching?
17. What is looping?
18. Write syntax of :

- while loop.
- do-while loop.

**4 Marks**

19. Write a program to add two integer numbers.
20. Write a program to find whether the number is even or odd.
21. Write a program to find whether the number is positive or negative.
22. Write the syntax for nested if-else statement.
23. Write the syntax for switch statement.
24. Write a program which will print largest of three numbers.
25. Differentiate between if and switch statement