

# **MADRAS UNIVERSITY**

## **B.C.A Computer Application**

### **BCA - IInd Year - Madras university Correspondence course Question**

**Time : Three Hours**

**Maximum :100 Marks**

#### **PART A - (10 x 3 = 30 marks)**

Answer any TEN questions

1. Write the syntax of MULTIPLY statement.
2. Explain COBOL coding sheet.
3. Differentiate between elementary and Group data.
4. What is the need of level number?
5. What is a class?
6. Define constructor.
7. What is a Manipulator?
8. What is the need of inline function?
9. Define Pointer.
10. What is Output stream?
11. What is polymorphism?
12. Differentiate between File and Record.

#### **PART B - (5 x 6 = 30 marks)**

Answer any FIVE questions.

All questions carry equal marks.

13. Explain ADD and SUBTRACT verb.

14. Differentiate between RENAME and REDEFINES clause.

15. Explain with an example picture clause.

16. Write any six principles of object oriented programming.

17. What is function overloading?

18. What is file pointer?

19. Explain virtual function.

PART C - (4 x10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

20. Describe the structure of COBOL program.

21. Explain with an example SORT Verb.

22. Describe the Various concepts of OOP.

23. Explain with an example type conversion.

24. Describe the various type of inheritance.

25. Explain stream classes for file operations.