

Course	: BCA	Date	: 20-Feb-2026
Subject Code	: BCAMA-301	Time	: 11:30am to 01:45pm
Subject Name	: Object Oriented Concepts & Programming -I	Duration	: 02.15 Hours
		Max. Marks	: 70

(30)

- (20)

- (10)**

- Which concept allows the use of same function name for different purposes?
A Inheritance
B Polymorphism
C Encapsulation
D Abstraction
- Which operator is used to access class members?
A :
B .
C *
D ->
- Which loop is guaranteed to execute at least once?
A For
B while
C Do-while
D If
- Which function is automatically called when an object is created?
A Destructor
B Operator
C Constructor
D Virtual function
- Which keyword is used to inherit a class?
A extends
B Inherit
C Public
D Class

- 6 Which operator cannot be overloaded?
A + B =
C * D ::
- 7 Which file stream is used for writing data to file?
A ifstream B ofstream
C fstream D iostream
- 8 Pointer stores:
A Value B Address
C Character D Function
- 9 Which concept binds data and functions together?
A Polymorphism B Inheritance
C Encapsulation D Abstraction
- 10 Which function supports runtime polymorphism?
A Inline function B Virtual function
C Friend function D Static function

Part – B (Do as Directed)

(10)

State the following statements are TRUE or FALSE

- 1 Define OOP.
- 2 Name any one C++ operator.
- 3 What is a pointer?
- 4 Define function.
- 5 What is a class?
- 6 What is constructor?
- 7 Define destructor.
- 8 What is inheritance?
- 9 What is polymorphism?
- 10 Define file handling.
