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AO—360—2018

FACULTY OF SCIENCE

B.Sc. (Second Year) (Third Semester) EXAMINATION

MARCH/APRIL, 2018

(CGPA Pattern)

COMPUTER SCIENCE

Paper VII

(Object Oriented Programming Using C++)

(MCQ+Theory)

(Thursday, 3-5-2018)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Assume suitable data if necessary.

(ii) Figures to the right indicate full marks.

(MCQ)

1. Select correct alternative the for following : 10

(1) oop means oriented programming.

(a) obstacle (b) object

(c) only (d) oracle

(2) is conditional branching statement.

(a) for (b) switch

(c) do-while (d) if

(3) is called a scope resolution operator.

(a) :: (b) ?:

(c) !: (d) ++

P.T.O.

- (4) is a class variable.
- (a) object (b) overloading
(c) overriding (d) None of these
- (5) is automatically executed when you create object of that class.
- (a) Inline function (b) Recursive function
(c) Constructor (d) Destructor
- (6) is not a type of inheritance.
- (a) Triple (b) Single
(c) Multiple (d) Multilevel
- (7) is used as an increment operator.
- (a) + - (b) + +
(c) - + (d) - -
- (8) is input statement used in C++.
- (a) cin (b) scanf
(c) scan (d) logout
- (9) is not a looping statement.
- (a) while (b) for
(c) if (d) do-while
- (10) If same operator is used for different operations then it is called as
- (a) Operator overloading (b) Constructor
(c) Destructor (d) Operator priority

(Theory)

2. Explain the structure of C++ program with an example. 10

Or

(a) What are the different data types used in C++ ? 5

(b) Write a program in C++ to display Fibonacci series for given numbers. 5

3. What is unary and binary operator overloading ? Explain it with example. 10

Or

(a) Explain the concept of functions in detail. 5

(b) Write a program in C++ to describe the concept of class and object. 5

4. Write short notes on the following (any *two*) : 10

(a) Constructor

(b) Operators

(c) Static members

(d) Rules for overloading operator.