PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BBA DEGREE EXAMINATION DECEMBER 2017
(Fifth Semester)

Branch - **BUSINESS ADMINISTRATION (INFORMATION SYSTEM)**

OBJECT ORIENTED PROGRAMMING WITH C++

Time : Three Hours   Maximum : 75 Marks

SECTION-A (20 Marks)
Answer **ALL** questions
ALL questions cany **EQUAL** marks   (1 0 x 2 = 20)

1   Mention any two features of object oriented programming (OOP).
2   Define object.
3   What is a token?
4   Write the syntax of Do - WHILE statement.
5   Define destructor.
6   What do you meant by function overloading?
7   Define inheritance.
8   What is virtual function?
9   List the stream classes for console Input / Output operations.
10   What are the input and output streams?

SECTION - B (25 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

11 a Write a note on polymorphism.
                        OR
    b Explain the structure of C++ program.

12 a What is an expression? Explain the types of expressions.
                        OR
    b Elucidate the memory management operators.

13 a Write a note on array of objects.
                        OR
    b Give any FIVE special properties of the constructor function.

14 a Explain multiple inheritance.
                        OR
    b Detail on the concept of polymorphism.

15 a How are extraction operator (») and insertion operator («) overloaded?
                        OR
    b Make a note on get () and put () functions.

SECTION - C (30 Marks!
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16   Summarize the benefits of object oriented programming.

17   Illustrate IF and SWITCH structure in C++.

18   How will you define a class in C++?

19   Elucidate pointer to derived class.

20   Describe the procedure to open and close a file in C+-K

Z-Z-Z   END