PSG COLLEGE OF ARTS & SCIENCE
. (AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2017
(Sixth Semester)

Branch - MATHEMATICS WITH COMPUTER APPLICATIONS

JAVA PROGRAMMING

Time : Three Hours   Maximum : 75 Marks .
SECTION-A (20 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (10 ^ 2 = 20)

1   Define variable.   *   •   ■
2   What is the use of arrays? Mention any two of it.
3   Write about exception.
4   What is called as multithreading?
5   Define string.   * ^
6   What is called a package?
7   Define applet class.
8   What is the purpose of Window in AWT?
9   Write any two common features by comparing C++ and java.
10   What is called a swing in java?

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

1 1 a Write short notes on the features of Java. .
                         OR   '
    b Write in brief about inheritance in Java.   * •

12 a Briefly discuss on interfaces.
                         OR
    b Describe in short about exception handling.

13 a Write about exploring java lang.
                         OR
    b What are the important usages of java.util?

*14 a Write short notes on event handling in java.
                         OR   , V
    b Illustrate about layout managers.

15 a Give a brief note on images in Java.
                         OR
    b Give short notes on advancements of java over C++ language.

SECTION - C (30 Marks)
.   Answer any **THREE** Questions
    ALL Questions Carry **EQUAL** Marks (3 x 1 0 = 30)

16   • Describe about operators used in Java.

17- Discuss on packages of Java.   >

18   Give a detailed account on string handling in java.

<19 Discuss in detail on applet class in java.

20 Explain about Java beans.