

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCom DEGREE EXAMINATION DECEMBER 2019
(Fifth Semester)

Branch - COMMERCE (E-COMMERCE)

FUNDAMENTALS OF JAVA PROGRAMMING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Why Java is called the platform independent programming language?
- 2 What is JVM?
- 3 What are the data types supported by Java?
- 4 What is type conversion in Java?
- 5 What is method overloading?
- 6 What is constructor overloading in Java?
- 7 What are Packages?
- 8 What is the difference between Exception and Error in Java?
- 9 What is Applet?
- 10 What are the attributes of Applet tag?

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Write a note on Java environment.
OR
b Describe about Java and WWW.
- 12 a Explain type conversion in java.
OR
b Discuss about Expressions in Java.
- 13 a What are the advantages in inheritance?
OR
b Write a note on final variable and final class.
- 14 a Explain built-in packages in Java.
OR
b Describe about thread priority.
- 15 a Explain Graphics class in Java.
OR
b Develop an applet to circle and ellipse.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain about basic concepts of object oriented programming.
- 17 Discuss about looping statements in java.
- 18 Explain method overriding with an example.
- 19 Explain thread life cycle with neat sketch.
- 20 Explain applet life cycle with neat sketch.