

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCom DEGREE EXAMINATION MAY 2017
(Fifth Semester)

Branch - e-COMMERCE
FUNDAMENTALS OF JAVE PROGRAMMING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

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

- 1 Write any two features of Java?
- 2 What is Javac, Java?
- 3 What is operator and types?
- 4 Define Array, write syntax of array declaration.
- 5 What is inheritance and types.
- 6 Define Abstract variables and example.
- 7 Define Binding.
- 8 Define Thread and types.
- 9 Short notes on AWT controls.
- 10 Write about any three methods in Graphics class.

SECTION - B (25 Marks)

Answer ALL Questions

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

- 11 a Write in detail about the Java Environment.
OR
b Java program structure explain in detail.
- 12 a Explain different types of operators in Java.
OR
b Explain control statements in Java.
- 13 a Short notes on classes and objects, methods.
OR
b What is Inheritance and explain types?
- 14 a Explain types of Errors with example.
OR
b Explain different types of packages in Java.
- 15 a Short notes on preparing and building Applet code.
OR
b Applet Life cycle in Java.

SECTION - C (30 Marks)

Answer any THREE Questions

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

- 16 Explain Java Features.
- 17 Short Notes on Looping statements with example.
- 18 Write about the different constructions in Java.
- 19 Explain Life cycle of a Thread.
- 20 Explain in detail Graphics methods and classes.