

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BCA DEGREE EXAMINATION MAY 2017
(Fifth Semester)**

Branch- **COMPUTER APPLICATIONS**

ADVANCED 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 Write the syntax for passing parameter to an Applet.
- 2 Give the use of paint () method.
- 3 Define : Delegation Event model.
- 4 What are the two methods of event object?
- 5 List the methods of Text Box control'
- 6 Write the syntax for adding and removing control.
- 7 Define : Heavy weight.
- 8 Mention the three aspects for composite visual components.
- 9 What is SQL?
- 10 Write the syntax to connect Database with Java.

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a Discuss the methods of Applet class.
OR
b Write a Java code to set background and foreground color for a given string.
- 12 a Describe window Event class with its syntax.
OR
b Explain-the mouse motion adapter class with an example.
- 13 a' Illustrate the procedure for creating checkbox control with an example.
OR
b Discuss about menu bars and menus.
- 14 a Briefly explain the method to compute the paintable area in swing.
OR
b Demonstrate Applet creation in swing.
- 15 a Discuss the types of JDBC Drivers.
OR
b Explain Driver Interface and Driver manager classes.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain the skeleton of an Applet program with an example.
- 17 Briefly explain the Event Listener Interface.
- 18 Describe AWT color system and color methods.
- 19 Elaborate the event handling procedure in swing with an example.
- 20 Sketch the Architecture of JDBC.