PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2019
(Third Semester)

Branch - **INFORMATION TECHNOLOGY**

PROGRAMMING IN JAVA

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (10 x 1 = 10)

1   _____ is a feature that allows one interface to be used for a general class of actions.
(i)   Polimorphism   (ii) Package
(iii)   Encapsulation   (iv) Private

2   _____ are used for class names, method names, and variable names.
(i)   Literals   (ii) Identifiers
(iii)   Methods   (iv) Separators

3   _____ searches for the first occurrence of a character or substring.
(i) getbytes ()   (ii) tocharArray()
(iii) indexOf ( )   (iv) starts With ( )

4   _____ creates a new object that contains the invoking string with contents of string appended to the end.
(i) replace ()   (ii) trim ()
(iii) capacity ( )   (iv) concat ( )

5   _____ creates a block of code that will be executed after a try/catch block has completed.
(i) finally   (ii) throw
(iii) throws   (iv) main( ) •

6   The _____ is the smallest unit of dispatchable code.
(i) javas   (ii) thread
(iii) byte   (iv) catch

7   _____ is an optional attribute that specifies the base URL of the applet code.
(i) ALIGN   (ii) VSPACE
(iii) CODEBASE   (iv) WIDTH

8   The _____ tag is used to start an applet from both and HTML document and from and applet viewer.
(i) ALT   (ii) CODE
(iii) NAME   (iv) APPLET

9   _____ package is also known as the JDBC core API.
(i) java.sql   (ii) javax.sql
(iii) sun.jdbc.odbc   (iv) sun.java.odbc

10   Which of the following method can be used to create a connection object?
(i)   getconnection (String url, String user, String password)
(ii)   getconnection (String url)
(iii) getconnection (String url, Properties prop) (iv) All of the above

SECTION - B (25 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5x5 = 25)

11 a Summarise the fundamentals of CLASSES in Java.
OR
   b Explain about "this" keyword with suitable examples.

12 a Classify the special string operations.
OR
   b Narrate the methods of modifying a String.

13 a Analyze in brief about throw statement.
OR
   b Summarise the types of exceptions with examples.

14 a Briefly explain about simple applet display methods.
OR
   b Summarize the basis of applets with example.

15 a Explain about the essential of JDBC program.
OR
   b Briefly explain about the JDBC package.

SECTION -C (40 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5x8 = 40)

16 a Survey the types of operators with suitable examples.
OR
   b Analyze the various control statements with examples.

17 a Analyze in detail about the method overriding.
OR
   b Discuss in detail about super () in inheritance.

18 a Highlight in detail about thread priorities.
OR
   b Describe about the nested try statements with examples.

19 a Justify in detail about the event classes.
OR
   b Summarize the events listener interfaces.

20 a Write in detail about the types of JDBC drivers.
OR
   b Discuss about the JavaSoft framework with examples.

Z-Z-Z   END