

(4)

9. (a) How panels are created in Java. Explain the layout (using example) 6
- (b) Write short notes on Active X Controls. 5

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B.A./B.Sc. (Part-III) Examination, 2015
(New Syllabus)

COMPUTER APPLICATION

First Paper

(JAVA)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : Answer five questions in all. Question No. 1 is compulsory and attempt one question from each of the Units I, II, III and IV.

1. Answer all –
- (a) Explain Class code block and Data Method Code block. 4
- (b) Write the steps of compiling & running of a program. 3
- (c) Explain variable identifier conventions and rules. 3
- (d) Write short note on Boolean and char. 3

(2)

- (e) Write short notes on Identifier and literals. 3
- (f) Difference between abstract class and class. 3
- (g) Write for loop syntax & explain with example. 3
- (h) Short notes on ASP. 3
- (i) Define client side scripting. 3
- (j) Explain server sides scripting. 3

Unit-I

2. (a) Define the JVM with its diagram. 7
- (b) What are the components of Java application. 4
3. (a) Which features of Java have made it a language better than the others. 7
- (b) Differentiate between Applets and Applications. 4

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(3)

Unit-II

4. Explain the Java Data types in detail. 11
5. (a) Write a program in Java to concatenate the two strings given by user. 6
- (b) Difference between equals () and == 5

Unit - III

6. (a) Explain the steps involved in Grouping classes in packages. 5
- (b) Write short notes - $2 \times 3 = 6$
- (i) Abstract Classes
- (ii) Inheritance
7. (a) Explain the concepts of method overloading with suitable example. 8
- (b) Short note on Operators Precedence. 3

Unit - IV

8. Short notes :
- (a) Reading HTTP request & creating HTTP response. 5
- (b) Explain Active X architecture. 6

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P.T.O.