



April 2020

2017 /UGA

JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN (*Autonomous*),  
CHENNAI – 600 018  
V SEMESTER (**Arrear**) –Applicable to candidates admitted in the year 2017  
**III B.Com. Information Systems Management**  
**Programming in Java – PSVC11(2)**

Time: 90 Minutes

Maximum Marks: 50

The first ten minutes should be used for reading the question paper only. The students should not begin to answer the questions in the first ten minutes

**Section - A**

Answer all the questions.

**15 Marks**

**I. Fill in the blanks**

**(5 X 1 = 5 Marks)**

1. The \_\_\_\_\_ comes with a collection of tools that are used for developing and running java program.
2. An \_\_\_\_\_ is a symbol that tells the computer to perform certain mathematical or logical manipulations.
3. A class that cannot be subclassed is called a \_\_\_\_\_ class.
4. \_\_\_\_\_ represents a sequence of characters.
5. An applet is said to be \_\_\_\_\_ when it is removed from the memory.

**II. Choose the correct answer**

**(5 X 1 = 5 Marks)**

6. \_\_\_\_\_ are programmer-designed tokens.  
a) Keywords                      b) Identifiers                      c) Operators                      d) Separators
7. The \_\_\_\_\_ operator is used to access the instance variables and methods of class objects.  
a) Dot                                  b) Bitwise                                  c) Instanceof                                  d) Logical
8. Java does not directly implement \_\_\_\_\_ inheritance  
a) Multilevel                      b) Multiple                      c) Hierarchical                      d) Hybrid
9. Primitive data types may be converted into object type using \_\_\_\_\_ classes.  
a) Vector                                  b) Constructor                                  c) Wrapper                                  d) Super
10. Applet enters the running state when the system calls the \_\_\_\_\_ method.  
a) init()                                  b) start()                                  c) paint()                                  d) stop()

**III. Answer the following in One or Two Sentences**

**(5 X 1 = 5 Marks)**

11. List the kinds of java variables.
12. Write the basic form of class definition.
13. List the types of visibility modifiers.
14. Define array.
15. Write the states of applet life cycle.



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**Section – B**

**( 3 x 5 = 15 Marks)**

**Answer any three questions. All questions carry equal Marks. (Each answer should not exceed 150 words).**

16. List and explain the features of java.
17. Discuss the entry controlled statements with an example.
18. Write short notes on method overriding.
19. Describe briefly about two-dimensional array.
20. Discuss the steps involved in adding and running an applet.
21. Describe the various constants in java with example.
22. Explain conditional operator with an example.
23. Discuss briefly on vector class.

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**Section – C**

**( 2 x 10 = 20 Marks)**

**Answer any two questions. All questions carry equal Marks. (Each answer should not exceed 300 words).**

24. Explain in detail java statements with suitable example.
25. Describe in detail constructor and method overloading.
26. List and explain various types of inheritance.
27. With an example explain various string methods.
28. Describe the various sections of a web page.

----- **All the Best** -----