K18U 1449

V Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.) Examination, November 2018
(2014 Admn. Onwards)
Core Course in Computer Science
5B10CSC – JAVA PROGRAMMING

Time : 3 Hours   Max. Marks : 40

SECTION – A

1. **One** word answer.   (8×0.5=4)

   a) What does AWT stands for ?

   b) Which method can be used to output a string in an applet ?

   c) Which keyword can be used to prevent method overriding ?

   d) What is multithreaded programming ?

   e) Which operator is used to allocate memory to array variable in Java ?

   f) Which method is called first by an applet ?

   g) The old name of Java was

   h) Which packages contain the JDBC classes ?

SECTION – B

Write short note on **any seven** of the following questions.   (7×2=14)

2. Define Array. How to declare an array ?

3. Name the operators in Java.

4. Define method and how are they defined ?

5. What are the uses of the keyword 'final' ?

P.T.O.

6. Write a short note on mutithreading.

7. What is the difference between exception and error ?

8. Show a diagrammatic representation of Hierarchy of Applet.

9. List Applet Life Cycle methods.

10. What are AWT classes ?

11. What is the difference between Swing and AWT ?

SECTION – C

Answer **any four** of the following questions.   (4×3=12)

12. What is the difference between throw and throws keyword ?

13. Write a program implementing interface.

14. Java is a "platform-independent language". Justify.

15. Differentiate between stand alone application and applet.

16. Write a short note on delegation event model.

17. Write a note on arithmetic operators.

SECTION – D

Write an essay on **any two** of the following questions.   (2×5=10)

18. Write a java program to find factorial of a given number. The number will be provided by user at run time.

19. Write a note on thread life cycle and thread priorities.

20. What are constructors ? Explain different types of constructor with example.

21. Write a java program to implement single level inheritance.

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