



K20U 1501

Reg. No. :

Name :

**V Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.)
Examination, November 2020
(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) An expression involving byte, int and literal numbers is promoted to which data type ?
 - b) Which keyword is used to make a class ?
 - c) _____ can be used to fully abstract a class from its implementation.
 - d) _____ access specifiers can be used for an interface.
 - e) _____ packages contain all the Java's built in exceptions.
 - f) Name the states in thread life cycle.
 - g) Package of drawstring () method is
 - h) Can we access private class outside the package ?

SECTION – B

Write short note on **any seven** of the following questions.

(7×2=14)

- 2. List any two Object Oriented Principle.
- 3. What is meant by garbage collection ?
- 4. What is Assignment Operator ?



5. What are constructors ?
6. What is Stack Overflow Error ?
7. How does multithreading take place on a computer with a single CPU ?
8. Specify the ways to run an applet.
9. Explain what is paint () method in applet with syntax.
10. List the fundamental bitwise operators.
11. Explain Label.

SECTION – C

Answer **any four** of the following questions.

(4×3=12)

12. What is synchronization and why is it important ?
13. What are the different types of control statements in java ?
14. What is meant by abstract classes ?
15. What are the advantages of applet ? What is the use of APPLET tag ?
16. Write a note on check box control in Java.
17. Advantages of multithreading.

SECTION – D

Write an essay on **any two** of the following questions.

(2×5=10)

18. Explain features of java.
 19. Explain AWT control.
 20. Write a program to generate Fibonacci series.
 21. Write an applet program to add two number's where data is entered in TextField in Java.
-