



Reg. No. : .....

Name : .....



0052279

K19U 2223

V Semester B.Sc. Degree (CBCSS-Reg./Sup./Imp.)  
Examination, November- 2019  
(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) Which keywords are part of exception handling?
  - b) When does Exceptions in Java arises in code sequence?
  - c) Modulus operator, %, can be applied to \_\_\_\_\_ numbers.
  - d) Java was originally developed by \_\_\_\_\_
  - e) What is the return type of Constructors?
  - f) Which function is called to display the output of an applet?
  - g) Expand JDBC
  - h) Which method having same name as that of its class?

**SECTION-B**

Write short note on any **SEVEN** of the following Questions. (7 x 2 = 14)

- 2. Define bytecode?
- 3. What is a variable? How is to declare variable?
- 4. Briefly explain inheritance?
- 5. Define Abstract classes?
- 6. Briefly explain what is synchronization?
- 7. What are the types of Exceptions in Java?

P.T.O.



8. What is the difference between applications and applets?
9. What are the advantages of applet?
10. What is the difference between scrollbar and scroll pane?
11. What is meant by controls and what are different types of controls in AWT?

### SECTION-C

Answer any **FOUR** of the following Questions.

(4×3=12)

12. Write note on features of Java?
13. Differentiate between method overriding and method overloading?
14. Write the note on thread priorities?
15. Write a note on applet?
16. What is meant by packages ? How can package be created?
17. What is the purpose of using Event Handlers?

### SECTION-D

Write an essay on ANY TWO of the following Questions.

(2×5=10)

18. Write an program for an applet that displays the standard fonts and styles.
  19. Explain exception handling?
  20. Write a program to determine the sum of the series for a given value of n.  
 $1+1/2+1/3+\dots 1/n?$
  21. Write a note JDBC ODBC driver?
-