Reg. No. : ....

Name : ....

IV Semester B.C.A. Degree (CBCSS-Reg./Sup./Imp.) Examination, April 2020
(2014 Admn. Onwards)
Core Course
4B09BCA : JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One** word answer.   (8×0.5=4)

   a) AWT stands for _____

   b) _____ Provides an default implementation of all methods in an event.

   c) A _____ is an object that is notified when an event occurs.

   d) In order to fill an ellipse _____ method can be used.

   e) Using _____ one can specify what a class must do, not how it does it.

   f) The implicit return tape of a class's constructor is _____ itself.

   g) _____ is the super class of all events.

   h) _____ is an interpreter for bytecode.

SECTION – B

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

2. What is a thread in Java ?

3. What is the use of finally clause in Java ?

4. Define stream.

5. Define constructor overloading.

6. What is the need of abstract class in Java ?

7. What is an applet and applet class ?

8. Short note on synchronization in multithreading.

9. Difference between text field and text area.

10. List any 5 event listener interface in Java.

11. Define operator overloading.

SECTION – C

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

12. Explain applet skeleton.

13. Write a short note on features of adapter class in Java.

14. Explain various use of final keyword.

15. What is meant by listener interface ? Explain key listener.

16. Write a note on multiple inheritance.

17. What is the significance of the keyword 'super' in Java ?

SECTION – D

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

18. Write a program for matrix addition.

19. Explain exception handling in Java.

20. How will you obtain graphics context in window ? Explain various drawing method of graphics class.

21. Define an applet, parameters passed to an applet. Explain with an example program.

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