91062 (Pages : 3) Name.......................................

Reg. No.................................

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2015

(U.G.—CCSS)

Core Course—Computer Science

CS 5B 09—JAVA PROGRAMMING

(2012 Admission onwards)

Time : Three Hours Maximum : 30 Weightage

I. Answer *all* questions :

1 Hiding unnecessary details from the user is known as ————.

2 An identifier can only start with an ———— or an alphabet.

3 What is the output of the following program ?

```
class ByteSize

{

    Public static void main(String[] args)

    {

    byte b = 128 ;

    System.out.println(b);

    }

}
```

(a) 128.

(b) –128.

(c) Compilation error.

(d) None of the above.

4 What is the Extension of java bytecodes ?

5 Methods that have same name, but different Parameter list and different definition known as ————.

6 ———— method of System class can be used to copy quickly an array of any type from one place to another.

7 ———— is the super class of java exception class hierarchy.

8 ———— are passive controls that do not support any interaction with the user.

Turn over

9   The ————— method of applet skeleton is called only once during the life time of an app

10 Which class cannot be a subclass in java ?

    (a) An abstract class.   (b) A Final class.

    (c) A Base class.   (d) None of the above.

11 The constructors of URL class throw ————— exception.

12 ————— is the event generated by a scroll bar.

                                                      (12 × ¼ = 3 weigh

II. Answer *all* questions :

13 Define constructor overloading.

14 What is the significance of switch statement in java ?

15 What is meant by garbage collection ?

16 Define stream.

17 Define Exception.

18 What is the use of finally clause in java ?

19 What is the difference between getDocumentBase() and getCodebase() ?

20 What you meant by AWT ?

21 What is the significance of Canvas class ?

                                                      (9 × 1 = 9 weigh

III. Answer any *five* questions.

22 Explain the various literals in java ?

23 Explain about arrays in detail ?

24 What is the significance of the keyword 'super' in java ?

25 Briefly explain the use of multi-catch statement and nested try block with suitable prog

26 What is a package ? Explain with an example, how name conflicts are resolved during pa
    import.

27 Differentiate between byte streams and character streams. Explain with an example ho
    I/O can be carried out with any character stream class.

28 Briefly explain the use of buttons and the way of handling buttons with the help of a pro

                                                     (5 × 2 = 10 weigh

Answer any *two* questions.

29 What is meant by inheritance ? What are the different types of inheritance in java ? How multiple inheritance is implemented in java ?

30 (i) Define thread.

(ii) What is meant by the term multithreading ?

(iii) Explain about thread priorities. How can you change the priority of a thread ?

(iv) Explain the various thread states.

31 What are Applets ? Explain the applet tag in detail.

How parameters can be passed to an applet? Explain with an example program.

(2 × 4= 8 weightage)