



RR-0876

Third Year B. Sc. Examination

March/April – 2010

Computer Science : Paper - IX

(Java Programming) (Old Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="T. Y. B. Sc."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Computer Science - 9 (Old)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="0"/> <input type="text" value="8"/> <input type="text" value="7"/> <input type="text" value="6"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
	Student's Signature

(2) All questions carry **equal** marks.

(3) **Q. 1** is **compulsory**.

1 Answer in brief : (any seven)

14

- (1) What is final variable ?
- (2) How can you define comments in java ?
- (3) What is use of static key word ?
- (4) How can you override a constructor ?
- (5) What is difference between instance variables and class variables ?
- (6) What is the meaning of "final" keyword ?
- (7) What do you mean by Finalizing a method ?
- (8) Which method returns integer value from String value ?

- 2 (a) What do you mean by exception ? Explain exception handling mechanism in java giving proper illustration. 7
- (b) What is string ? Discuss string class and its methods. 7

OR

- 2 (a) What is AWT ? Discuss button control of AWT class. 7
 (b) What are two categories of programs in java ? 7
 List differences between them.
- 3 (a) What do you mean by Method Overriding 7
 Explain giving proper illustration.
- (b) Write a java program which will implement stack 7
 interface. Perform push, pop and display stack method
 on stack.
- OR**
- 3 (a) What is method over loading ? 7
 Explain it giving proper illustration.
- (b) Write an applet to display a blinking message. 7
 "Hello! Wel Come to Java Applet". 7
- 4 (a) Discuss about concept of static class, nested class and 7
 inner class giving proper illustration.
- (b) Discuss about thread priorities and synchronization 7
 and concept of multithreading.
- OR**
- 4 (a) Discuss about Currency Class and its methods. 7
 (b) Discuss about calendar class and its methods. 7
- 5 Write short notes : (attempt any two) 14
 (1) Life cycle of an Applet
 (2) Key Events class
 (3) JDBC API.
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