



HC-3557

Second Year B. C. A. (Sem. IV) Examination

March / April - 2018

403 : Java Programming Language

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशव निशानीवाणी विगतो उत्तरवही पर अवश्य प्रभवो.
Fillup strictly the details of signs on your answer book.

Name of the Examination : S. Y. B. C. A. (Sem. 4)

Name of the Subject : 403 : JAVA PROGRAMMING LANGUAGE

Subject Code No. 3 5 5 7 Section No. (1, 2.....) : Nil

Seat No :

Student's Signature

- 1 Answer following in short(Any Seven) 14**
- 1 Define monitor.
 - 2 How can we create an object of interface?
 - 3 What is JVM?
 - 4 Differentiate paint() and repaint() method.
 - 5 List any 4 built in package with brief description.
 - 6 Java is robust-Justify
 - 7 Write a significance of CLASSPATH.
- 2 Write a short note on following(Any Two) 14**
- A) Applet life cycle
 - B) Thread Synchronization *New*
 - C) StringBuffer class
- 3 (A) What is package? How to access methods of package in another package? Explain various access specifiers with package. 7
- OR**
- What is exception? Explain user defined exception with example. 7
- (B) (i) Explain static keyword with example 4
- (ii) Write down difference between abstract class and interface 3
- Answer the following in details(Any Two) 14**
- 1) What is applet? How to pass parameters to the applet? Explain with example.
 - 2) How to implement multiple inheritance in JAVA? Explain with example.
 - 3) Explain structure of JVM in detail.

Private
default
protected
public

Same with include
with no

diff
11
11
a 4 11

5) (A) Write a program to accept a string from command line and display each character in reverse at the interval of 1 second 7

OR

(A) Write a program to accept an argument from command line and check whether it is prime or not. 7

(B) Explain use of super keyword with example. 7

OR

(B) Explain bitwise operators in detail. 7

