



NV-21160

Seat No. _____

B. Sc. (I.T.) (Sem. IV) (Non CBCS) Examination

February – 2017

CS - 21 : Introduction to Java

Time : 3 Hours]

[Total Marks : 100

- 1 Attempt any four : 20**
- (1) What is Java ? Explain features of Java.
 - (2) What is Thread ? Explain Thread Life-Cycle.
 - (3) Explain Abstract class in detail.
 - (4) Explain Date class with Example.
 - (5) Explain Package with Example.
- 2 Attempt any four : 20**
- (1) Write a note on Constructor.
 - (2) Explain Java Data types in detail.
 - (3) What is String ? Explain any three methods of String class.
 - (4) Explain Interface with Example.
 - (5) Write a note on Wrapper class.
- 3 Attempt any four : 20**
- (1) Explain Layout Manager in detail.
 - (2) What is Applet ? Explain Applet Life Cycle in detail.
 - (3) What is Exception ? Explain Exception Handling Tools in detail.
 - (4) Write a note on Garbage Collection.
 - (5) Explain Method Overloading in detail.
- 4 Attempt any two : 20**
- (1) Explain awt in detail.
 - (2) Explain Server Socket class in detail.
 - (3) Explain Event Handling in Java.

5 Attempt any **two** :

20

- (1) Differentiate : Awt and Swing
 - (2) Differentiate : CharacterStream and ByteStream
 - (3) Differentiate : Method Overloading and Method Overloading.
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