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(20221) Roll No. ....  
B.Sc.(Com. Sc.)-V Sem.

## NP-3610

### B.Sc. (Computer Science)

### Examination, Dec.-2020

#### WEB DESIGNING WITH JAVA

#### PROGRAMMING

#### (BCS-503)

*Time : Three Hours ] [Maximum Marks : 75*

**Note :** Attempt questions from **all** the sections as per instructions.

#### Section-A

#### (Very Short Answer Questions)

**Note :** Attempt all the **five** questions.

5×3=15

1. Explain JDK, JRE and JVM.
2. Define introspection and Persistence in Beans.
3. What are different kind of Primitive data types give their default values.

**P.T.O.**

4. Define Garbage Collection in Java and discuss gc( ) method.
5. Explain type casting and type promotion in Java.

#### Section-B

#### (Short Answer Questions)

**Note :** Attempt any **two** questions.  $7\frac{1}{2} \times 2 = 15$

6. What is thread? Discuss thread life cycle.
7. Differentiate exception and error? Define the term try, catch, throws and throw.
8. Write a program to Print Command line argument with their sequence number.

#### Section-C

#### (Detailed Answer Questions)

**Note :** Attempt any **three** questions.

https://www.ccsustudy.com 15×3=45

9. What is event delegation model Java AWT? What are different ways of Handling can event given an example.

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10. Discuss about layout managers In AWT and given an example of using flow layout manager.
11. (i) Discuss about website and Web Application? Discuss role of various team member of Website.  
(ii) Data base driver and their types, explain.
12. What do you mean by object? Discuss about constructors and their types with example.
13. Categories the term of "Iterator"? Discuss about various classes and interfaces of collection. Give an example of using Array list.

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