A

(20222)

(Printed Pages 4)

Roll No. ....

B.Sc. (Com.Sci.)-V Sem.

NP-3610 (CV-III)

B.Sc. (Com. Sc.) Examination, Dec.-2021

WEB DESIGNING WITH JAVA

PROGRAMMING

(BCS-503)

Time : 1½ Hours]   *[Maximum Marks : 75*

Note : Attempt all questions from **all** sections

in each section

Section-A

Note : Attempt any **two** questions. Each question carries 7.5 marks. 2×7.5=15

1. What do you mean by. Class file in Java?

2. What do you mean by Light Weight Component in Java?

P.T.O.

3. What is the difference between array and collection?

4. List out the characteristics of the Java Beans.

5. What is the need of Web-Design?

Section-B

Note : Attempt any **one** question. Each question carries 15 marks. 1×15=15

6. What do you mean by object-oriented concept. List out the features of object oriented language with example.

7. Write the basic steps to create a JDBC application.

8. What is command Line argument? Write a Java Program to Justify the same.

NP-3610 (CV-III)/2

Section-C

Note : Attempt any **two** questions. Each question carries 22.5 marks.

$$2 \times 22.5 = 45$$

9. Write a Java Program to accept number from user and convert into binary by using wrapper class method.

10. Write a note on following with example:

   (a) Event Listner and Adapter

   (b) AWT

11. Write a note on following:

   (a) Garbage collection in Java

   (b) Difference between class and Interface

   (c) Data Abstraction

12. Explain the following term with respect to exception handling-

   (a) try

   (b) catch

   (c) throw

   (d) finally

13. Explain the Web Designing Process with suitable examples.