



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 2nd Semester Examination, 2020

CC3-COMPUTER SCIENCE
PROGRAMMING IN JAVA

Full Marks: 40

ASSIGNMENT

*All figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

Answer any *two* questions from the following

20×2 = 40

1. (a) Explain decision making and looping in Java with examples. 10+10
(b) Discuss Java data types with examples.
2. (a) What are Java tokens? Explain with suitable examples. 10+10
(b) Explain OOP concepts with suitable examples.
3. What is Inheritance? What are the different forms of inheritance in Java? 20
Explain with suitable examples.
4. (a) What is an exception? Demonstrate the use of try, catch and finally block. 10+10
(b) Explain the application of AWT Package.
5. (a) Write a Java program to display Pascal's triangle. 10+10
(b) Write a Java program to find duplicate elements in a String array.

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