



UNIVERSITY OF NORTH BENGAL
BCA Honours 2nd Semester Examination, 2021

CC3-BACHELOR OF COMPUTER APPLICATION (22)

PROGRAMMING IN JAVA

Full Marks: 40

ASSIGNMENT

*The 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) What is object-oriented paradigm? Explain. 10+10
(b) Describe different types of constructors used in Java.
2. (a) Differentiate between an interface and a class.
(b) What is the purpose of throw keyword in exception handling? Illustrate with an example. 10+10
3. (a) What is Dynamic method dispatch? Explain with an example. 10+10
(b) How to create and execute threads in Java? Explain with examples.
4. (a) What is meant by method overloading? Explain with the help of suitable example. 10+10
(b) Differentiate between Array and String. Also write a program for simple inheritance.

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