UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 4th Semester Examination, 2021

GE4-COMPUTER SCIENCE (4A & 4B)

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

The question paper contains GE4A and GE4B.
The candidates are required to answer any *one* from *two* courses.
Candidates should mention it clearly on the Answer Book.

GE4A

PROGRAMMING IN JAVA

Answer any *two* questions   20×2=40

1.	Explain different types of operator in JAVA.	20
2.	Explain different decision making statements in JAVA with example.	20
3.	What is loop statement? Explain different looping statements in JAVA with examples.	20
4.	What is a constructor? What are the different types of constructors? Explain with examples.	20

GE4B

PYTHON PROGRAMMING

Answer any *two* questions   20×2=40

1.	Discuss different data types used in python.	20
2.	Explain different types of looping statements used in python with the help of suitable examples.	20
3. (a)	Write a program in python to find the sum of first 'n' natural numbers.	10
(b)	Write a program in python to find the area of a rectangle.	10
4. (a)	Explain different characteristics of python.	10
(b)	Explain exception handling by giving suitable example.	10

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