UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 1st Semester Examination, 2020

CC1-COMPUTER SCIENCE (12)

PROGRAMMING FUNDAMENTALS USING C

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Answer any *two* questions from the following   20×2 = 40

1. (i) Describe break statement and continue statement in C with proper example.   10

   (ii) Describe structure of 'if-else', 'nested if', and 'if-else-if' statement.   10

2. (i) Write a program to convert a binary number to its equivalent decimal numbers. Give an example output.   10

   (ii) Write a program in C to count number of vowels in a given string with an example output.   10

3. (i) Write a program in C to find if a given year is Leap year or not.   10

   (ii) Write a program in C to find largest of a set of given numbers.   10

4. (i) Write a program in C to find all Armstrong numbers from a set of input values. Also give an output example.   10

   (ii) Write a program in C to concatenate two given string without using strcat() function.   10

5. (i) Write a program in C to count vowels in a given string using pointer. Give an example output.   10

   (ii) Describe a double pointer (pointer to pointer) by writing an example program code.   10

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