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TERM END EXAMINATIONS (TEE) – December 2021- January 2022

Programme	: BTech	Semester	: Fall 2021-22
Course Name	: Introduction to problem solving and programming	Course Code	: CSE1021
Faculty Name	: E Nirmala	Slot / Class No	: B11+B12+B13/0074
Time	: 1 ½ hours	Max. Marks	: 50

Answer ALL the Questions

Q. No.	Question Description	Marks

PART - A (30 Marks)

1 (a) Write the algorithm, pseudocode and draw the flowchart to find the sum of n even numbers.   10

OR

   (b) Explain different types of operators in python with example.   10

2 (a) Explain Iteration statements with syntax and python code.   10

OR

   (b) Write a Program to generate Fibonacci sequence for n numbers and convert Fahrenheit to Celsius.   10

3 (a) Write a program for different types of operations performed for tuples.   10

OR

   (b) List out the operation performed with arrays with python coding.   10

PART - B (20 Marks)

4 Write the algorithm, pseudocode and draw the flowchart to find the given number is prime numbers or not.   10

5 Differentiate between list and sets. Write a program for matrix transpose.   10