While Loop Question

Q1. Write a program to print the following using while loop

a. First 10 Even numbers

b. First 10 Odd numbers

c. First 10 Natural numbers

d.First 10 Whole numbers

Q2) Write a program to print first 10 integers and their squares using while loop.

Q3) Write for loop statement to print the following series:

10, 20, 30 … … 300

Q4) Write a while loop statement to print the following series

105, 98, 91 ………7.

Q5Write a program to check whether a number is prime or not using while loop.

Q6) Write a program to print first 10 natural number in reverse order using while loop.

Q7) Write a program to print sum of first 10 Natural numbers using while Loop.

Q8) Write a program to print table of a number entered from the user. Using while Loop.

Q9) Write a program to find the sum of all even numbers that falls between two numbers

(exclusive both numbers) entered from the user using while loop.

Q10) Write a program to find the sum of the digits of a number accepted from the user using While loop.

Q11) Write a program to find the product of the digits of a number accepted from the user.

Q12) Write a program to reverse the number accepted from user using while loop.

Q13) Write a program to print the Fibonacci series till n terms (Accept n from user) using while loop.

Q14) Write a program to print the factorial of a number accepted from user.

Q15) Write a program to print the following series till n terms.

1 4 9 16 25 \_ \_ \_ \_ \_ n terms.

Q16) Write a program to find the sum of following series 1 + 8 + 27 …………n terms

Q17) Write a program to find the sum of following series: 1 + 2 + 6 + 24 + 120 . . . . . n terms

Q18) Write a program to find the sum of following series:

S = 1 + 4 – 9 + 16 – 25 + 36 – … … n terms

Q19) Write a Program to print all the characters in the string ‘PYTHON’ using while loop.

Q20) Write a program to print all the factors of a number using while loop.