

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATION- April-2022
B.Tech IV Semester

COURSE CODE: 18B11BI414

MAX. MARKS:25

COURSE NAME: Programming Language for BI

COURSE CREDITS: 03

MAX. TIME: 1.5 Hours

Note: All questions are compulsory.

1. Write a program that reads two numbers from user and determines if either is a multiple of the other? [4]
2. Differentiate between if and unless control structure with examples. [2]
3. Write a program in which receives multiple numbers as input from user until user enters '0'. At the end of input, the program should output the total number of inputs and the average of all numbers. [Note: user may input 0 at starting also] [4]
4. What is the difference between do-while and do-until repetition structures. Also give an example. [2]
5. Define qw and range operator with example [2]
6. Create a deck of cards using array (the number 1 to 52). Now shuffle the deck once such that after the shuffle, the deck contains the value in order 1,27,2,28,3,29.....26,52etc. [4]
7. Write a program that reads 10 numbers from user and store them in array. By using the map and grep functions print the square of each number if the value is between 10 and 20. [4]
8. What is the use of wantarray function in returning of values by some function? Also write a program to demonstrate the use of wantarray function. [3]