

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- FEB-2023

COURSE CODE (CREDITS): 18B11BI414 (3)

MAX. MARKS: 15

COURSE NAME: Programming Languages for bioinformatics

COURSE INSTRUCTORS: Dr. Shikha Mittal

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

- Q1.** List the data types that Perl can handle? (2 marks) [CO-1]
- Q2.** Write a program to concatenate the \$firststring and \$secondstring and result of these strings should be separated by a single space. (3 marks) [CO-1 & CO3]
- Q3.** How many types of operators are used in the Perl? (3 marks) [CO-1]
- Q4.** What are the advantages of C over Perl? (2 marks) [CO-1]
- Q5.** What will be the output of the following perl program – (2 marks) [CO-1 & CO3]

```
#!/usr/bin/perl -w
$pos1 = rindex("abcdefghijlmdef", "def");
$pos2 = index("abcdefghijlmdef", "def");
print "Found position of def,$pos1\n";
print "Found position of def $pos2\n";
```

- Q6.** Explain the following with examples (3 marks) [CO-1 & CO3]
- (a) How to take input from user in perl?
 - (b) Chomp operator
 - (c) Difference between for and while loop