

7) What arithmetic operators cannot be used with strings?

- a) +
- b) *
- c) **
- d) b & c

Q.2 Answer the following.

(a) [4]

- 1) Explain the use of 'in' operator in string giving example.
- 2) What are Modulus Operator and Boolean Expression? Explain giving example.

(b) [6]

- 1) What are Compiler and Interpreter? Explain interpreter in Detail.
- 2) Justify the statement "Strings are immutable".

Q.3 Attempt any TWO.

1 What are Errors? List and explain the different types of errors. [5]

2 List the operators precedence. Solve the following Program using operator precedence. [5]

```
a = 20, b = 10, c = 15, d = 5, e = 0
```

```
e = (a + b) * c / d  
print "Value of (a + b) * c / d is ", e
```

```
e = ((a + b) * c) / d  
print "Value of ((a + b) * c) / d is ", e
```

```
e = (a + b) * (c / d);  
print "Value of (a + b) * (c / d) is ", e
```

```
e = a + (b * c) / d;  
print "Value of a + (b * c) / d is ", e
```

3 What is Chained execution? Write a program to find number is Largest among three number using Chain Condition. [5]

Q.4 Answer the following.

(a) Write note on recursion. Also write a program to find factorial of numbers using recursion. [5]

(b) What is string? Explain at least 4 methods of string. [5]

OR

(b) What is Alternative Execution? Write Syntax and Draw Flow Charts. [5]