



CHAPTER 6

PYTHON

Q1. State true or false –

- i. True
- ii. True
- iii. False
- iv. False
- v. True

Q2. In the following programs, there are some errors. Identify them and write the corrected code-

i.

```
W = (int) (input ( "Enter a number : " ))
```

```
if W % 10 != 0 :
```

```
    print ( "The number" , W , "is Not a multiple of 10" )
```

```
else :
```

```
    print ( "The number" , W , " is a multiple of 10" )
```

ii.

```
Y = (int) (input ("Enter a number : "))
```

```
if Y % 2 == 0 :
```

```
    print ( Y , " is Even number " )
```

```
else :
```

```
    print ( Y , " is Odd number " )
```

iii.

```
G = (int) (input ("Enter a number : "))
```

```
if G >= 0 :
```

```
    print ( G , " is Positive number " )
```

```
else :
```

```
    print ( G , " is Not positive number " )
```

iv.

```
CP = (int)(input ("Enter Cost Price : "))
```

```
SP = (int)(input ("Enter Sell Price : "))
```

```
if (SP < CP) :
```

```
    print ( " The item incurred LOSS " )
```

```
    v = CP - SP
```

```
    print ( "Value of Profit : ",v )
```

```
elif (SP > CP):
```

```
    print ( " The item incurred PROFIT " )
```



```
v = SP - CP
```

```
print ( "Value of Profit : ",v)
```

```
else :
```

```
    print ( "NEITHER PROFIT NOR LOSS " )
```

v.

```
K = (int)(input ("Enter the value : "))
```

```
if (K < 40) :
```

```
    print ( " Low " )
```

```
elif (K >= 80):
```

```
    print ( " High " )
```

```
else :
```

```
    print ( "Medium " )
```

