CBSE(AS PER NEW SYLLABUS)

F:M-50   TIME-1.30HRS

Q. 1. Short notes   [1×10]

(a) What are the two modes in python?

(b) Write any two standard types in python?

(c) What is the extension of python laygug?

(d) Which mode of python invoking the interpreter without passing a script file as a parameter?

(e) Which mode of python invoking the interpreter with a script parameter begins execution of the script and continues until the script in finished?

(f) Give a example of immutable data type.

(g) Which data type consists of a number of values separated by commas?

(h) Give a examples of mutable data type.

(i) Define IDLE.

(j) Which of the following variable name are invalid? Justify

(A) Try   (b) 123 Hello   (c) Sum   (d) abc@123

Q. 2. Answer the following:

(a) What is difference between tuple and list. [3]

(b) Write the output: [4]

Print (3+4)

Print (3*4) Print (3/4)

Print (3%2)

Print (3//4)

Print (3**4)

(c) What is the another name of comparison cpenaters. [1]

(d) What is the use "**" openatw. [1]

(e) Optimize these statements as a python program. [2]

(i) Word = 'word'

(ii) print word_un_()

Q. 3. Answer the following:

(a) How many types of examples are supported by the python language? [3]

(b) What will be the output of the following: [2]

a=1

a,b=a+1,a+1

Print a

Print b

(c) Write the output of the following python code. [4]

a=6

b=7

c=42

Print a= =6

Print a= = 7

Print a = = 6 and b= =7

Print a= = 7 and b = =7

(d) Explain operator and operands. [2]

(e) Use IDLE to calculate [2]

(i) 6+4*10

(ii) (6+4)*10

(f) What is the output of the following code: [1]

type ([1,2])

(g) What gets print with the following code: [1]
```
X=4.5
Y=2
Print X//Y
```

(h) What gets printed by the code snippet below: [1]
```
import math
print math . floon (5.5)
```

Q. 4. Write a program to cheek the number is grater or less [3]

Q. 5. Write a program to cheek the number is Largest number. [5]

Q. 6. WAP to swap between two numbers without third variable [5]