PYTHON TEST

MCQ;

1. D) all of the mentioned
2. C) .py
3. D) python code is only interpreted
4. B) //
5. A) if a<=100:
6. C) We cannot use python classes to implement the switch case statement
7. A) if statement inside another if statement
8. D) all the mentioned above
9. D)error
10. C) error
11. A) i,ii,iii,iv,v,vi
12. B) false
13. C) ‘3\’
14. C)nonlocal

**PROGRAM**

15. **Python program to find square root of a number**

num=int(input("enter the number :"))

if (num == 0 ):

print("enter valid number")

else:

sq= num\*\*0.5

print("the square root of ",num ,"is",sq)

16 . **Python program to convert Celsius to Fahrenheit.**

temp=float(input("enter the temperature in celcius :"))

cel = temp\*1.8+32

print("the temperature in Fahrenheit is",cel,"F")

17. **Python program to calculate the sum of all numbers from 1 to a given number.**

Num = int(input(“Enter the number “))

Sum = 0

for i in range(1,num):

Sum = sum + 1

print(“the sum is :”,sum)

1. . **Python program to find the largest among three numbers.**

a=int(input("enter the number 1 = "))

b=int(input("enter the number 2 = "))

c=int(input("enter the number 3 = "))

if(a>b) and (a>c):

  print("the greatest number is:",a)

elif(b>c):

  print("the greatest number is: ",b)

else:

  print("the greatest number is: ",c)

THEORY QUESTIONS

**19.** Python is the general purpose programming language and interpreted language. It is case sensitive and have specific keywords and syntax. It is simple and easy to learn.

BENEFITS:

* + Ease to use
  + Straightforward syntax
  + Multiple inbuilt library

**20.** syntax of if else statement

if(condition):

// statements

else:

// statements

**21.** common built-in datatype in python

* + - Int
    - String
    - Boolean
    - Dict
    - Float

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