FIRST MID TERM TEST - 2019

12 -Std

COMPUTER SCIENCE

Time : 1.15 hrs Max.Marks : 50

PART - A

Choose the best answer. **10X1=10**

1. The small sections of code that are used to perform a particular task is called
   a) Subroutires b)Files
   c) Recudo code d) Module
2. ----- are functions that retrieve information from the data type
   a) constructors b) data obstraction
   c) project d) Slectors
3. Which scope refers to variable defined in current function?
   a) Local scope b) Global Scope
   c) Module scope d) Function scope
4. ---- also called half interval search algorithm.
   a) Linear search b) Binary search
   c) Bubbled sort d) Selection sort
5. Who developed Python
   a) Ritche b) Guido Van Rossum
   c) Bill Gates d) Sunder Pitchai
6. ---- is used as a seperator in print ( ) to print more than one item.
   a) # b) : c) , d) ;
7. ---- plays a vital role in python programming
   a) Indentation b) { } c) [ ] d) ( )
8. When x = 26.7 if
   print (math.floor(x)) value is -----
   a) 26 b) -27 c) -26 d) 26.7
9. ----- symbol is used to display a string multiple number of times
   a) # b) + c) * d) -
10. Pick odd one in connection with collection data type
    a) List b) Tuple c) Dictionary d) Loop

PART - B

Answer any five questions. **5X2=10**

Question No.16 is Compulsory.

11. What is recursive function?
12. What is a scope?
13. What are the different modes that can be used to test python program?

14. What are the 3 keywords to achieve jump statement in python?
15. Define Global scope.
16. Write the output of the program.

```
S1 = "AB"
S2 = "ate"
for i⁰ in S1
Print ( (i⁰ + S2), end = '/t)
```

17. What is list in Python?

PART - C

Answer any five questions. **5X3=15**

Question No. 21 is Compulsory.

18. Differentiate pure and impure function.
19. List the characteristics of an algorithm.
20. Explain Ternary operator with example.
21. Write the output for the following program.

    10 20 30 40 50 60
22. Write the rules of local variable.
23. Write a short about the following with suitable example.

    a) len ( ) b) lower ( ) c) tittle ( )
24. What are the advantages of tuples over a list

PART - D

Answer any Three questions. **3X5=1 5**

25. Explain with an example interface and implementaion.

    (Or)

    What is a list? Why list can be called as pairs. Explain with suitable example.
26. Write LEGB rule with example.

    (Or)

    What is tokens? What are the types of tokens?
27. Write a detail note on if....else statement with suitable example.

    (Or)

    Explain the following built - in functions.

    a) id ( ) b) chr ( ) c) round ( ) d) type ( ) e) pow ( )