

13.01.2020

REVISION-II

Marks: 70

Std: XII (A-E)

Computer Science

Time:3 Hrs

I. Choose and write the correct answer:

15x1=15

1. Find the wrong statement from the following

- a) Python supports procedural approaches b) Python supports object oriented approaches c) Python is DBMS tool

2..... are used to indicate blocks of codes in python.

- a) Whitespaces b){} c) [] d) <>

3. The End of value of range (30,3,-3) is

- a) 30 b)-3 c) 3 d) 6

4. The.....function is the inverse of chr() function.

- a) 30 b)-3 c) 3 d) 6

5. The function isalnum () returnswhen it contains special characters

6. What will happen when you open a file for writing and file already exists there?

- a) creates a new file b) truncates the file c) overwrite the file d) append the contents

7. How many arguments are there in csv.reader() functions?

- a) 2 b)3 c) 4 d) 5

8. What does _____name_____contains?

- a) c++filename b)main() name c) python filename d) os module name

9. MinGW allows to compile and execute C++ program dynamically though python program using.....

- a) c++ b)g++ c)a++ d) x++

10. The command to change directory is.....

- a) cc b)cd c)dc d) changed

11. Which command is used to display the records in ascending or descending order.

- a) Group by b) order by c) group with d) order with

12. Identify the package manager for python packages, or modules

- a) Matplotlib b) PIP c) plt.show() d) python package

13. Which is the most comfortable loop?

- a) do..while b) while c) for d) if..elif

14. Lambda function can only access..... Variables.

- a) local b)function c)global d) nested

15. The..... function is the inverse of chr() function.

- a) ord() b) abs() c) chr() d) bin()

II. Answer the following in short (any six)

6x2=12

(Q.no 21 is compulsory)

16. Write note on keywords. Give examples:

17. Explain the Syntax of input () function.

18. Write note on range () in loop.

19. What are the two methods of passing arguments in variable length arguments?

20. What is slicing?

21. What is the syntax for csv.reader()?

22. Differentiate compiler and interpreter.

23. What is the use of distinct clause in SQL?

III. Answer in brief (Any 6)

6x3=18

(Q.no 25 is compulsory)

24. Explain the Syntax of input () function.
25. Write the program to calculate the sum of numbers from 1 to 100.
26. Write note on return statement.
27. Write a note about count() function in python.
28. Give a program for csv file with a line terminator?
29. What is MinGW? What is its use?
30. How will you use order by clause in SQL. Explain with sample program.

IV. Explain in Detail

5x5=25

- 31.a) Write a program to display multiplication table for given number (OR)
 - b) Write a program to display all three digits odd number
- 32.a) Discuss in detail about Tokens in python. (OR)
 - b) Explain the different types of functions with an example
33. a) Explain recursive function with example (OR)
 - b) Explain about string operators in python with example
34. a) Tabulate the different mode with its meaning (OR)
 - b) Write the syntax for getopt() and explain its arguments and return value
- 35 a) Write in brief about SQLite and the steps used to use it (OR)
 - b) Explain the various buttons in a matplotlib window