

COMMON FIRST REVISION EXAMINATION - 2023**Standard - XII**Reg.No.

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Time: 3.00 hrs.**COMPUTER SCIENCE****Marks: 70****PART - I****Answer all the questions. Choose the correct answer:****15×1=15**

1. Which of the following is a distinct syntactic block?
a) Subroutines b) Function c) Definition d) Modules
2. The data type Whose representation is known are called
a) Built in data type b) derived data type
c) Concrete data type d) Abstract data type
3. The Process of subdividing a computer program into separate sub-program is called
a) procedural Programming b) Modular programming
c) Event Drives Programming d) Object Oriented programming
4. Two main measures for the efficiency of an algorithm are
a) Processor and memory b) Complexity and capacity
c) Time and space d) Data and space
5. Which operator is also called as comparative operator?
a) Arithmetic b) Relational c) Logical d) Assignment
6. What plays a vital role in python programming?
a) Statements b) Control c) structure d) Indentation
7. Which of the following keyword is used to exit a function block?
a) define b) return c) finally d) def
8. The subscript of a string may be
a) Positive b) Negative c) Both (a) and (b) d) Either (a) or (b)
9. Let set A = {3, 6, 9} , set B = {1, 3, 9}. What will be the result of the following snippet?
Print (set A \ set B)
a) {3, 6, 9, 1, 3, 9} b) {3, 9} c) {1} d) {1, 3, 6, 9}
10. A private class variable is prefixed with
a) _ _ b) & & c) # # d) * *
11. Who is called Father of Relational Database from the following?
a) Chris Date b) Hugh Darween c) Edgar Frank codd d) Edgar frank Cadd
12. Queries can be generated using
a) SELECT b) ORDER BY c) GROUP BY d) ALTER
13. Which of the following is a string used to terminate line produced by Writer() method of CSV module?
a) Line Terminator b) Enter key
c) Form feed d) Data Terminator
14. Which of the following is not a scripting language?
a) Java Script b) PHP c) Perl d) HTML
15. Any changes made in the values of the record should be saved by the command
a) save b) Save As c) Commit d) Oblige

PART - II**Write any six questions. Question No.24 is compulsory.****6×2=12**

16. What is a pair? Give an example.
17. What do you mean by Namespaces?
18. What are the main advantages of function?
19. What is slicing?
20. What is instantiation?
21. Differentiate Unique and Primary key Constraint.
22. What is the use of modules?
23. List the types of visualizations in Matplotlib.
24. What is the output of the following Snippet?
for i in range (2, 10, 2):
print (i, end = '')

PART - III**Answer any six questions. Question No. 33 is compulsory.****6×3=18**

25. Mention the characteristics of Interface.
26. Write a note on Asymptotic notation.
27. What are the assignment operators that can be used in python?
28. What are the advantages of Tuples over a list?
29. What is the role of DBA?
30. What is the difference between reader () and DictReader () function?
31. What is SQLite? What is its advantage?
32. Write the syntax of while loop.
33. What will be the output of the given python program?
>>>str1 = "Welcome to learn Python".
>>> print (str1 [10: 16])
>>> Print (str1 [10: 16 : 2])
>>> Print (str1 [: : 3])

PART - IV**Answer all the questions.****5×5=25**

34. a) Explain with example pure and impure functions. **(OR)**
b) Explain the characteristics of an algorithm.
35. a) Discuss in detail about Tokens in Python. **(OR)**
b) Write a detail note on for Loop.
36. a) Explain the scope of variables with an example. **(OR)**
b) Explain about string operators in python with suitable example.
37. a) What is the Purpose of range () ? Explain with an example. **(OR)**
b) What are the components of SQL? Write the commands in each.
38. a) Write the rules to be followed to format the data in a CSV file. **(OR)**
b) Write the syntax for getopt () and explain its arguments and return values.
