

Model Question Paper
Class-XII
Computer Science
Term-1
Total Marks- 35

Group-A

1. Answer any 10(ten) of the following questions

10 X 1 =10

2. Find the invalid identifier from the following
a. None b. address c. Name d. Pass
3. Consider a declaration L=(1,'Python', '3.14')
Which of the following represents the data type of L?
a. List b. tuple c. dictionary d. string
4. The return type of the input() function is
a. String b. integer c. list d. tuple
5. Consider a tuple tup1={10, 15,25 and 30}. Identify the statement that will result in an error.
a. print(tup1[2])
b. tup1[2]=20
c. Print(min(tup1))
d. Print(len(tup1))
6. Which of the following is valid arithmetic operator in Python:
a.// b.? c.< d. and
7. Identify the valid declaration of L:
L=[1, 23, 'hi', 6]
a.list b. dictionary c.array d.tuple
8. Which is the subset of SQL commands used to manipulate Oracle Database structures, including tables?
a. Data definition language(DDL) b. Data manipulation language (DML)
b. Both of above d. none
9. In SQL, which of the following is not a data definition language commands?
a.RENAME b.REVOKE c.GRANT d.UPDATE
10. In SQL, which command is used to SELECT only one copy of each set of duplicate rows
a.SELECT DISTINCT b.SELECT UNIQUE c.SELECT DIFFERENT
d.All of the above
11. A command that lets you change one or more fields in a record is
a.Insert b.Modify c.Look-up d. All of the above
12. Which type of sites are known as friend-of-a-friend site.

- a.Chat Messenger b. Social networking sites c. Tutorial sites
d.Chat-rooms

Group-B

2. Answer any 20 (twenty) questions below:

$20 \times 1 = 20$

- Write the type of tokens from the following:
a. If b. roll_no
- Differentiate between the round() and floor() functions with the suitable example.
- Name the function required to get the position of an item in the list.
- What is the difference between input() and raw_input()?
- Why does the expression 2+3*4 result in the value 14?
- What are the two ways of output using print()?
- What are the logical operators of python?
- What is the difference between '/' and '//'?
- How can we import a module in Python?
- What is the difference between parameters and arguments?
- What are default arguments?
- Which keyword is used to sort the records of a table in descending order?
- Which clause is used to sort the records of a table?
- Which command is used to modify the records of the table?
- Which command is used to remove the duplicating rows of the table?
- Differentiate between Primary key and candidate key.
- Differentiate between Degree and Cardinality.
- What is cyberstalking?
- What are the types of cybercrime.
- What is social networking?
- Why we have to check the privacy settings?

Group-C

3. Answer any one of the following questions

$$5 \times 1 = 5$$

1. Create a table STUDENT
 - i. Enter data in table STUDENT
 - ii. Write SQL queries to display the records from table student in alphabetical order as per the name of the student.
 - iii. Write SQL queries to find out the students whose age is more in the class and also find out the student who is youngest.
 - iv. Write SQL queries to find out the students who resides in the city "Delhi".
 - v. Delete the student whose physics mark is less than 40.
2. Write a program in python to find the factorial of a natural number.