

DELHI PUBLIC SCHOOL JAMMU

ASSIGNMENT FOR CYCLE TEST-2

Subject: Computer Science(083)

Class: XI

- Q.1 What does a cross platform language mean?
- Q2. What are the advantages of Python?
- Q3. What are the limitations of Python?
- Q4. Write any five valid strings in Python?
- Q5. Following code is creating problem X = 0281, find reason.
- Q6. What are literals in Python? How many types of Literals allowed in Python?
- Q7. How many types of sequences are supported in Python?
- Q8. What is the difference between an expression and a statement in Python?
- Q9. What are operators? What is their function? Give examples of some unary and binary operators.
- Q10. What is the role of indentation in Python?
- Q11. How can you create multi-line strings in Python?
- Q12. WAP to print the following pattern

A

A B

A B C

A B C D

A B C D E

- Q13. From the string S = "CARPE DIEM". Which ranges return "DIE" and "CAR"?
- Q14. What are ASCII and extended ASCII schemes?
- Q15. Write the SQL commands for the following Query(assuming the table empl having empno, ename, job, mgr, salary deptno.):
1. Display employee number, name, sal*12 as Annual salary whose commission is not NULL from table empl.
 2. List all department numbers from table empl.
 3. List the details of all clerks who have not been assigned department as yet from table empl.
 4. Display the details of employees whose name have only four letters from the table empl.
 5. Display the details of all employee whose annual salary is between 25000 to 40000 from the table empl.
 6. How many job types are offered to employees in the table empl?