

## **HOLIDAY HOMEWORK**

### **COMPUTER SCIENCE-Class 11**

**Create a chart explaining the Mobile system Organisation.**

### **PYTHON**

**Create a practical file for the following programs :**

1. WAP to enter a character and check if it is a vowel or a constant .
2. Given a side measurement of a triangle, WAP to check whether it is Scalene triangle ,Isosceles triangle or Equilateral triangle .
3. WAP to find the ticket fair of a bus according to the code of bus:

Code	fair
D	10
R	15
W	20
C	25

4. WAP to enter the marks in three subjects and calculate total and assign grade if total  $\geq 200$  grade is "A" otherwise grade is 'B'.
5. WAP to enter employee's number, name and salary. Calculate the DA, HRA and gross salary, where in DA and HRA are as follows:

Salary	DA	HRA
$\leq 10000$	30%	10%
$\leq 15000$	40%	15%
$\leq 20000$	60%	25%
$> 20000$	60%	25%

Gross = salary + DA + HRA