**PYTHON QUESTIONS-1**

1.What does pip stand for python?

a) Pip Installs Python

b) Pip Installs Packages

c) Preferred Installer Program

d) All of the mentioned

Ans) Pip installs Packages

2.Why do we need to use OOPs?

Ans) OOP stands for object oriented programming. Python utilizes the concept of inheritance, abstraction, encapsulation and polymorphism. This improves codes quality and productivity.

Inheritance :- Deriving properties and methods from one class to another class is called

inheritance.

Abstraction :- Hiding the implementation and showing only relevant/non implementation

details.

Encapsulation :- Wrapping up of properties(data) and methods into a single unit is called

encapsulation.

Polymorphism :-An entity (method/operator) behaves in different ways according to

different situations

3. create 3 lists for different types from given list  
 l=[12,-3.4,'hello','a',78,9.8,45]

Ans) L1=[]

L2=[]

L3=[]

for i in l :

if(type(i)==int):

L1.append(i)

elif(type(i)==str):

L2.append(i)

else :

L3.append(i)

print(L1)

print(L2)

print(L3)

[12, 78, 45]

['hello', 'a']

[-3.4, 9.8]

4. A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:

1. 14 years
2. 19 years
3. 33 years
4. 38 years

Ans) 14 years