1) What is python language.?

Python is an interpreted, high-level general purpose programming language. Created by Guido van Rossom and first released in 1991. Python's design philoso-phy emphasizes code readability with its notable use of significant.

2) What are the key features of python.

key features of python.

1) Simple

2) Easy to learn.

3) Free and open source.

4) High level language.

5) Portable.

6) object oriented.

7) Extensible

8) Scalable

9) Interpreted.

3) How python is an interpreted language?

Python is called an interpreted language because it goes through an interpreter, which turns code you write into the language understood by your computer processor.

4) How is memory managed in python.

Memory management in python involves a private step heap containing all python objects and data structures. The management of this private heap is ensured internally by the python memory manager.

5) What is python path?

Python path is an environment variable which you can set to add additional directories. Where python will look for module and packages.

Python knows where to find its Standard. library for most installation. You should not set these variables since they are not needed for Python to run.

6) What are the generated in Python

Generators are used to create iterators but with a differen approach. Generators are simple functions which return an iterable set of items. one at a time in a special way. When an iteration over a set of item starts using the for statement the generator is run.

7) Does Python have opps concept

Python is an object oriented Programming language along with the object oriented Programming features Such as inheritance, polymorphiz

abstraction, encapsulation.

8) Is Python case Sensitive?

Python is a case-sensitive language
this means variable and variable
are not the same. Always give
the identifiers. am name, that
makes. sense.

9) How long can an identifier be
in Python?
identifiers and keywords from the
Python language reference: Iden-
-tifiers are unlimited in length.
But you will be ve violating PEP-8
most likely, which is not really
cool; Limit all lines. to a maximum
of "79 characters!"

10) With Phython, how dou you find
out which directors you ar.
currenty in.

We use the "get cwd()" method.
cwd is for currently working director in Python this returns the path of the current python. directory as string in python.