1.Tell me about yourself?

Good morning sir/madam I am Shobitha, I am from Ongole. I did my M.sc in computer science from YV university

2.Tell about python?

Python is high level interpreted language which has easy syntax and dynamic semantics

3.Why python is so popular now a days?

* Easy to learn
* Simplified syntax
* Widely used with IoT technology

4.Advantages and disadvantages of python?

Advantages:

* Interpreted language
* Free and open source language
* Improves productivity

Disadvantages:

* Speed limitations
* Weak In mobile computation and browsing
* Run time errors

5.Interpreted vs compiled time programming language.Explain in detail?

The code of compiled languages can be executed directly by the computer’s CPU

Eg:c,c++,c#

The program written in an interpreted language is not compiled ,it is interpreted

Eg:python,Java script

6. .py vs .pyc files?

.py contains sourcecode of the program

.pyc contains bytecode of the program

7.How compilation will happen internally.Explain in detail?

Python converts the source code into a series of byte codes. So within python,compilation stage happens,but directly into byte code and this bytecode can’t be identified by CPU

8.Why python is dynamically typed programming language.Explain?

Phython don’t have any problem even if we don’t declare the type of variable.It states the kind of variable in the runtime of the program.Python also take care of the memory management which is crucial in programming.So,python is a dynamically typed languages

9.python is a platform independent.Explain?

They can be run on different platforms using an interpreter built specifically for that platform.Just as java programs can be run on different platforms using a JVM built for that platform

10.Different ways to write pyhon program?

Interacive,IDLE,command prompt

11. x = 10. Explain in detail for CRUD operations?