



GRADE :11: COMPUTER SCIENCE-QUESTION BANK

Chapter 1: GETTING STARTED WITH PYTHON

Very Short answer Type Questions

Q.1 When was Python released?

Ans- Python was released in February 1991.

Q.2 Who developed Python?

Ans- Python was developed by Guido Van Rossum.

Q.3 Which two languages contributed to Python as a Programming Language?

Ans- ABC language and Modula 3.

Q.4 Is Python an Object Oriented Language?

Ans- Yes, Python is an object oriented language.

Q.5 Python got its name from which show?

Ans- Python got its name from famous BBC comedy show "Monty Python's Flying Circus".

Short Answer Type Questions

Q.1 „Python is an interpreted language“. What does it mean to you?

Ans- It means that the Python installation interprets and executes the code line by line at a time.

Q.2 What does a cross platform language mean?

Ans- it means a language can run equally on variety of platforms-Windows, Linux/UNIX, Macintosh, Supercomputers, Smart phones etc.

Q.3 Python is a Free and Open Source language. What do you understand by this feature?

Ans- It means Python is freely available without any cost. Its source code is also available. One can modify, improve/extend an open source software.

Q.4 In how many ways, can you work in Python?

Ans-In two ways we can work in Python-

(i) Interactive mode

(ii) Script Mode

Q.5 What is the difference between Interactive mode and Script Mode in Python?

Ans- In interactive mode, one command can run at a time and commands are not saved. Whereas in Script mode, we can save all the commands in the form of a program file and can see output of all lines together.

Q.6 What are the advantages of Python?

Ans- Advantages-

- i. Easy to use OO Language.
- ii. Expressive Language.
- iii. Interpreted Language.
- iv. It is complete.
- v. Cross-Platform Language.
- vi. Free and Open Source.
- vii. Variety of Usage/ Applications

Q.7 What are the limitations of Python?

Ans- limitations-

- i. Not the fastest language.
- ii. Lesser Libraries than C, Java, Perl.
- iii. Not strong on Type Binding.
- iv. Not easily convertible.

Skill Based Questions

Q.1 Which of the following are not valid strings in Python?

(a)"Hello" (b) 'Hello' (c)"Hello' (d) _Hello" (e) {Hello}

Ans- String (c) , (d) and (e) are not valid strings.

Q.2 Write Instructions in python to get the following result: (Do it in both interactive mode and script mode)

I am a student of KV Barabanki

I live in Barabanki

And I love Barabanki.

Barabanki is 20 KM away from Lucknow

This Place is famous for Dewa Sharif

Ans- In Interactive Mode-

```
>>> print("I am a student of KV Barabanki \nI live in Barabanki \nAnd I love  
Barabanki\n\n Barabanki is 20 KM away from Lucknow\n This Place is famous for  
Dewa Sharif")
```

In Script Mode-

```
print("I am a student of KV Barabanki \n I live in Barabanki \nAnd I love  
Barabanki\n\n Barabanki is 20 KM away from Lucknow\n This Place is famous for  
Dewa Sharif")
```

(save this code to a file and then run the file)