



## GRADE :11: INFORMATICS PRACTICES-QUESTION BANK

### Chapter – 2: GETTING STARTED WITH PYTHON

#### Very Short answer Type Questions

1. **When was Python released?**

**Ans-** Python was released in February 1991.

2. **Who developed Python?**

**Ans-** Python was developed by Guido Van Rossum.

3. **Which two languages contributed to Python as a Programming**

**Language?Ans-** ABC language and Modula 3.

4. **Is Python an Object Oriented Language?**

**Ans-** Yes, Python is an object oriented language.

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

6. **"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.

7. **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.

8. **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.

9. **In how many ways, can you work in Python?**

**Ans-**In two ways we can work in Python-

(i) Interactive mode

(ii) Script Mode

10. **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 Scriptmode, we can save all the commands in the form of a program file and can see output of all lines together.

## 11. 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

## 12. 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

### 13. 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.

### 14 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 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 KMaway 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 KMaway from Lucknow\n This Place is famous  
for Dewa Sharif")
```

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

