Class: VI   Subject: Computer   Topic: Ch 7

TECH SET GO (Page no. 104)

1. 48

2. 8.4

3. 1

4. -190

5. 38

CODE QUEST (Page no. 111)

1. Python

2. Interactive Mode

3. Script Mode

TECH READY (Pg.No- 113)

A. Tick the correct option:-

1. (iv)

2. (i)

3. (iii)

4. (i)

B. **Fill in the blanks**:-

1. Prompt

2. Guido van Rossum

3. Variables

4. print( )

5. line by line

C. State True or False:-

1. T

2. T

3. F

4. T

D. Answer the following questions:-

1. The Features of Python are:

(i) **Easy to code** - It is very easy to write programs in Python as compared to other high-level programming languages.

(ii) **Open Source** - Python is a free and open source programming language.

(iii) **Object-oriented** - Python has an object oriented approach. This means that the programs are designed using objects and classes that interact with each other.

2. Prompt is a blinking cursor after the symbol (>>>), which indicates the Python interpreter is ready to accept commands.

3.

a = 10

b = 20

print ("a=", a)

print ("b=", b)

4. Two variable naming conventions are:

•   A variable name must start   with a letter (a-z, A-Z), or   an underscore (_).

•   A variable name cannot   start   with digits (0-9).

5. There are two components of Python IDLE window:

- Menu Bar: The Menu Bar of Python IDLE window is similar to the Menu Bar of other programs. It has various menus such as File, Edit, Shell, Debug, Options, Window and Help.
- Prompt: You will see a blinking cursor after the symbol (>>>) in the window. This is known as the Prompt. The Prompt allows the user to enter commands directly into Python and get an output instantly by pressing the Enter key.

6. The input( ) function takes the user's input while a program executes. On the other hand, the print( ) function prints or sends the output to the standard output device, which is usually a monitor.

TECH TWISTER (Pg.No - 114)

1. Sanjay

 2. 10 10

3. 10 20 30

Competency based/ Application - based question

1. Script Mode

2. float()