1. Is the Python Standard Library included with PyInputPlus?

**Ans.1**

PyInputPlus is not a part of the Python Standard Library, so you must install it separately using Pip

!pip install pyinputplus

2. Why is PyInputPlus commonly imported with import pyinputplus as pypi?

**Ans.2**

pypi is alias of PyInputPlus. The as pyip code in the import statement saves us from typing pyinputplus each time we want to call a PyInputPlus function. Instead we can use the shorter pyip name.

3. How do you distinguish between inputInt() and inputFloat()?

**Ans.3**

inputInt() : Accepts an integer value, and returns int value  
inputFloat() : Accepts integer/floating point value and returns float value.

4. Using PyInputPlus, how do you ensure that the user enters a whole number between 0 and 99?

**Ans.4**

In the inputint function we can set the min = 0 and max =99 to ensure user enters number between 0 and 99.

i.e.

pyip**.**inputInt(min **=** 0, max **=**99)

897

Number must be at max 99.

45

Output is 45.

5. What is transferred to the keyword arguments allowRegexes and blockRegexes?

**Ans.5**

We can also use regular expressions to specify whether an input is allowed or not. The allowRegexes and blockRegexes keyword arguments take a list of regular expression strings to determine what the PyInputPlus function will accept or reject as valid input.

i.e.

response **=** pyip**.**inputNum(allowRegexes**=**[r'(I|V|X|L|C|D|M)+', r'zero']) *# it allowes roman letters as numbers too*

output

x

response **=** pyip**.**inputNum(blockRegexes**=**[r'[02468]$'])*# blocks the even numbers*

output

2

This response is invalid.

4

This response is invalid.

6

This response is invalid.

45

6. If a blank input is entered three times, what does inputStr(limit=3) do?

**Ans.6**

It will throw RetryLimitException exception.

i.e.

response **=** pyip**.**inputStr(limit**=**3)

output

Blank values are not allowed.

Blank values are not allowed.

Blank values are not allowed.

7. If blank input is entered three times, what does inputStr(limit=3, default='hello') do?

**Ans.7** When you use limit keyword arguments and also pass a default keyword argument, the function returns the default value instead of raising an exception

i.e.

response **=** pyip**.**inputStr(limit**=**3,default**=**'hello')

response

**output**

Blank values are not allowed.

Blank values are not allowed.

Blank values are not allowed.

'hello'