Choose the correct answers for the following questions.

1. Which of the following is the correct extension of the Python file?
   a) .python
   b) .pl
   c) .py
   d) .p

2. Select all options that print. hello-how-are-you
   a) print('hello', 'how', 'are', 'you')
   b) print('hello', 'how', 'are', 'you' + '-' * 4)
   c) print('hello-' + 'how-are-you')
   d) print('hello' + '-' + 'how' + '-' + 'are' + 'you')

3. Which of the following is an invalid statement?
   a) abc = 1,000,000
   b) a b c = 1000 2000 3000
   c) a,b,c = 1000, 2000, 3000
   d) a_b_c = 1,000,000

4. What will be the output of the following Python statement? Print("a"+"bc")
   a) a
   b) bc
   c) bca
   d) abc

5. Which of the following is invalid?
   a) _a = 1
   b) __a = 1
   c) __str__ = 1
   d) none of the mentioned

6. Which of the following character is used to give single-line comments in Python?
   a) //
   b) #
   c) !
   d) /*

7. What will be the output of the following Python statement? print('new' 'line')
   a) Error
   b) Output equivalent to print 'new\nline'
   c) newline
   d) new line

8. Which of the following is an invalid variable?
    a) my_string_1
    b) 1st_string
    c) foo
    d) _

 9. Which of the following functions is a built-in function in python?
    a) factorial()
    b) print()
    c) seed()
    d) sqrt()

10. …………… function is used to determine the type of a variable in Python
    a) set()
    b) print()
    c) type()
    d) append()

11. Write a program in search Python language that asks the user to enter their name and display their name with a welcome message!

```python
name = input ("What's your name ? ")

print("Hello " + name)
```

12. Create a program that asks two questions: person's name and favorite color. Then print a message like [John likes blue.]

```python
name= input("What's your name?")
color=input("Whats your favorite color?")

print(name , "likes" , color)
```