

Subject	ICT	Grade	11
Assessment Type	Worksheet	Title	Python
Name			

Q1. True and False:

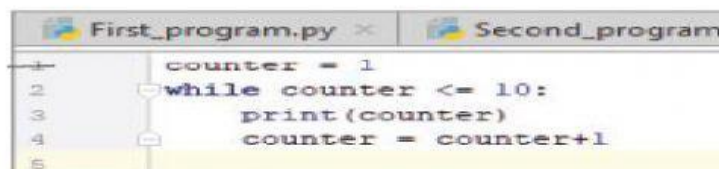
1. PyCharm is an editor that allows the development of computer applications.
2. PyCharm is not free of charge.
3. Click on File-New Project in order to create a new project that will contain the python programs.
4. After clicking on File-New Project, the python programs window will be displayed.
5. The dialogue between the computer and user is done through the print and input commands.
6. Python is an interpreted language
7. To execute Python statements, the statements must be entered into a file.
8. A variable called name refers to the same value as a variable called NAME.
9. Function int changes returns a non-integer value when passed an integer value.
10. Each loop must have a counter that determines the number of turns that it must perform
11. Python has easy and simple grammar.
12. Python File extension is Pyt
13. Python has Lack of true multiprocessor support.
14. Python's print statement writes items to the screen.
15. Python has three high-level data structures: lists, dictionaries and hashes.
16. List method append adds an element to the end of the list.
17. None is a Python type whose value indicates that no value exists.
18. The character is used in Python to make a single line comment is *
19. The Print() function allows the evaluation of condition in order to execute the appropriate commands.
20. The word try is not a keyword in Python language.

Q2. Multiple Choice Questions:

1. Which one of the following is the correct extension of the Python file?
 - A. .py
 - B. .python
 - C. .p
 - D. None of the above.
2. Which character is used in Python to make a single line comment?
 - A. /
 - B. //
 - C. #
 - D. !
3. The IDE () software and editor must be installed.
 - A. Integrated Drive Electronics.

- B. International Development interface.
C. International Development Enterprises.
D. Integrated Development Editor.
4. By adding _____ to the input command, you will have the possibility to input decimal values.
A. Print()
B. Int()
C. Float().
D. Input().
5. The ____ function allows the evaluation of conditions in order to execute the appropriate commands.
A. Print()
B. Int()
C. IF.
D. Name = Input("type your name").
6. In case you have to evaluate several conditions add the _____ instruction.
A. if.
B. elif
C. elseif.
D. Int()
7. We create a _____ in order to repeat a series of instructions.
A. if.
B. elif
C. elseif.
D. WHILE loop

By using this image answer the following questions:



```
First_program.py x Second_program
1 counter = 1
2 while counter <= 10:
3     print(counter)
4     counter = counter+1
5
```

8. On which line is the condition incremented?.....
A. 1
B. 2
C. 3
D. 4
9. On which line is the condition established?.....
A. 1

- B. 2
- C. 3
- D. 4

10. The result of that produces the program above is _____

A.	B.	C.	D.
1	2	1	2
2	4	3	3
3	6	5	4
4	8	7	5
5	10	9	6
6			7
7			8
8			
9			
10			

11. Who is the founder of Python?

- A. Charle Babbage
- B. Guido Van Rossum
- C. Tim Berners-Lee
- D. None of Theml

12. Python has _____ primitive loop commands.

- A. Five
- B. Three
- C. One
- D. Two

13. What is the maximum possible length of an identifier?

- A. 16
- B. 32
- C. 64
- D. None of these above

14. In which year was the Python language developed?

- A. 1995
- B. 1972
- C. 1981
- D. 1989

15. In which language is Python written?

- A. English
- B. PHP
- C. C
- D. All of the above

16. In which year was the Python 3.0 version developed?

- A. 2008

- B. 2000
 - C. 2010
 - D. 2005
17. Which of the following is not a keyword in Python language?
- A. val
 - B. raise
 - C. try
 - D. with
18. Which of the following statements is correct for variable names in Python language?
- A. All variable names must begin with an underscore.
 - B. Unlimited length
 - C. The variable name length is a maximum of 2.
 - D. All of the above?
19. Study the following statement: `>>>"a"+"bc" ...` What will be the output of this statement?
- A. a+bc
 - B. abc
 - C. a bc
 - D. a
20. Study the following statement: `>>> print ("\njava\npoint")...` What will be the output of this statement?
- A. Java
point
 - B. java point
 - C. \njava\npoint.