

## The Joy of Computing Using Python

### IMP QUESTIONS PART 1

1) Which of the following is not a type of block in Scratch?

Motion	Sound
Looks	Jump
<b>Accepted Answers: Jump</b>	

2) What is the main function of the "if" block in Scratch?

To repeat a set of instructions	To control the flow of the program based on a condition
To create a loop	To play a sound
<b>Accepted Answers: To control the flow of the program based on a condition</b>	

3) Which block in Scratch is used to control the movement of a sprite?

Motion	Sound
Looks	Jump
<b>Accepted Answers: Motion</b>	

4) Which block in Scratch is used to make a sprite say something?

Motion	Sound
Looks	Control
<b>Accepted Answers: Looks</b>	

5) Which block in Scratch is used to wait for a certain amount of time before continuing with the program?	
Motion	Sound
Looks	Control
Accepted Answers: Control	

6) Which block in Scratch is used to detect when a sprite touches another sprite?	
Motion	Sound
Looks	Sensing
Accepted Answers: Sensing	

7) What is the purpose of the "broadcast" block in Scratch?	
To send a message to another sprite	To play a sound
To move a sprite	To change the background color
Accepted Answers: To send a message to another sprite	

8) Which of the following is a high-level programming language?	
Assembly	C
Python	Machine Language
Accepted Answers: Python	

9) Which of the following is an example of a front-end programming language?	
PHP	Java
HTML	SQL
Accepted Answers: HTML	

10) Which of the following is used to store data in a programming language?	
Variables	Loops
Arrays	Conditionals
Accepted Answers: Variables, Arrays	

11) Which statement will print 'The joy of computing'?	
print(The joy of computing)	printf('The joy of computing')
print The joy of computing	print('The joy of computing')
Accepted Answers: print('The joy of computing')	



12) What will be the output of the following code?	
<pre> b = 0 for i in range(10):     b = b+i print(b </pre>	
0	43
45	50
Accepted Answers: 45	

13) Which of the following keyword is used to declare a function in a programming language?	
def	int
var	float
Accepted Answers: def	

14) What value will c store in it after the execution of the below code?	
c=b**3	Value of b multiplied by 3
It will throw an error	Value of b multiplied with 3 twice
Accepted Answers: It will throw an error	

15) What should be the value of _ to print all numbers from 0-10	
<pre>for i in range( _ ):     print(i)</pre>	
10	11
9	12
Accepted Answers: 11	

16) What is the output for the following program?	
<pre>b=4 a=3 c=a&gt;b print(c)</pre>	
True	False
It will display an error message	Boolean
Accepted Answers: False	

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