# Introduction to Computer Science and Programming 1

### Quiz 4

### (Chapter 10-13)

**Note:** This document has been designed and developed as part of an initiative for creating an OER (Open Education Resource) package for the course CSCI 120 at Columbia College.

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# Requirements

* Duration 15 min.
* This is an individual quiz.
* Please do not talk to each other.
* The order of the questions might be different for each students.
* Enter your answer in the answer sheet given to you.

# Problem1

#### Which Of The Following Represents A Distinctly Identifiable Entity In The Real World?

**A.** A class  
**B.** An object  
**C.** A method  
**D.** A data field

# Problem2

#### Which Of The Following Is Required To Create A New Instance Of The Class?

**A.** A constructor  
**B.** A class  
**C.** A value-returning method  
**D.** A None method

# Problem3

#### Which Of The Following Statements Is Most Accurate For The Declaration X = Circle()?

**A.** x contains an int value.  
**B.** x contains an object of the Circle type.  
**C.** x contains a reference to a Circle object.  
**D.** You can assign an int value to x.

# Problem4

#### What Will Be The Output Of The Following Code Snippet?

class Sales:

def \_\_init\_\_(self, id):

self.id = id

id = 100

val = Sales(123)

print (val.id)

**A.** SyntaxError, this program will not run  
**B.** 100  
**C.** 123  
**D.** None of the above

# Problem5

What does the \_\_init\_\_() function do in Python?

A. Initializes the class for use.

B. This function is called when a new object is instantiated.

C. Initializes all the data attributes to zero when called.

D. None of the above.

# Problem6

What will be the output of the following Python code?

**class** test:

**def** \_\_init\_\_(self,a):

self.a=a

**def** display(self):

**print**(self.a)

obj=test()

obj.display()

A) Runs normally, doesn’t display anything  
B) Displays 0, which is the automatic default value  
C) Error as one argument is required while creating the object  
D) Error as display function requires additional argument

**Good Luck ☺**