Pre Test

	A	B	C	Correct
Max Lines of code in a Method. Indicates the exact number of source code lines	< 10	< 30	< 50	A
Max public Methods for a Class	< 5	< 10	< 15	A
Cyclomatic complexity of Method. Measures the structural complexity of the code. It is created by calculating the number of different code paths in the flow of the program.	< 20	< 10	< 30	B
Max Depth of Inheritance (DIT). Indicates the number of different classes that inherit from one another, all the way back to the base class.	< 4	< 6	< 10	A
Max Parameters for a Function	< 3	< 5	< 7	A
Code Coverage. Test coverage is a measure used to describe the degree to which the source code of a program is executed when a particular test suite runs.	> 50	> 70	> 30	B
Max Class Coupling. Coupling to unique classes through parameters, local variables, return types, method calls, generic or template instantiations, base classes, interface implementations, fields defined on external types, and attribute decoration.	< 10	< 5	< 12	B
Maintainability Index. Calculates an index value between 0 and 100 that represents the relative ease of maintaining the code.	> 20	> 50	> 70	C
Which of following are not a good practice in a clean code	Duplicate Code	Dead Code	Commented Code	A,B,C
Which of the following constructs are not allowed in a Unit test	If	while	try/catch	A,B,C

Post Test

	A	B	C	Correct
Which pattern is a recommended test statergy	ice cream cone	cup cake	pyramid	A
Passing boolean parameter to a function breaks which principle ?	SRP	OCP	KISS	A
Which Pattern should we follow in unit test	3A	5A	Factory	A
Duplicating code breaks which principle ?	OCP	DRY	KISS	B
If sub types are not substitutable for base types which principle will you break	DIP	OCP	LSP	C
Which pattern will you break when you create a GOD Class	SRP	High Cohesion	SOC	A,B,C
Train wreak code breaks which principle ?	YAGNI	Law of Demter	KISS	B
In the code if the child class know parent class which principle will you break	DIP	DRY	OCP	A
Which principle will you break if you are making change to existing code when ever you add new code	KISS	SRP	OCP	C

	A	B	C	Correct
Creating fat interfaces breaks which principles	SRP	LSP	ISP	A,B,C