1. Which among the below personality is not the author of GOF ?   [CO4-K2]   * 2 points

○ Ralph Johnson

◉ Pieter Norvig

○ Richard Helm

○ Erich Gamma

2.   GRASP stands for _____*   [CO4-K2] *   2 points

○ Generic Repository Assignment Software Patterns

○ Generic Responsibility Assignment Software Patterns

◉ General Responsibility Assignment Software Patterns

○ General Repository Assignment Software Patterns

3.   Which design pattern ensures that only one object of particular class gets created?   [CO4-K2]   * 2 points

○ Observer pattern

◉ Singleton pattern

○ Facade pattern

○ Strategy pattern

4. Which among the following is True about Factory design pattern. [CO4-K3]   * 2 points

○ This type of design pattern comes under creational pattern.

○ Factory pattern creates object without exposing the creation logic to the client.

○ Factory pattern refers to newly created object using a common interface.

● All of the above

5. There are _____ GRASP patterns. [CO4-K2] *   2 points

○ 7

○ 23

● 9

○ 11

6. Low coupling is an evaluation principle for evaluating all designs. Common forms of coupling from objects A to B include   [CO4-K2]   * 2 points

○ A has an attribute referring to B or instance of B

○ A calls B's services

○ A has a method referring to B or B's instance

● All of the above

7. A controller is defined as the first object beyond the _____ * 2 points
layer that is responsible for receiving or handling a system operation
message   [CO4-K2]

○ Application programmable interface (API)

⦿ user interface (UI)

○ Network

○ Data

8. The ability of one object to have reference of another is called * 2 points
_____ [CO4-K2]

○ Cohesion

○ visibility

⦿ Coupling

○ Pattern

9. If similar components have different interfaces then * 2 points
_____pattern is used to resolve incompatible interfaces.
    [CO4-K2]

⦿ Adapter

○ Composite

○ Facade

○ Expert

10. Which among the pattern mention below is/are not GRASP pattern? [CO3-K2]   * 2 points

☐ Controller

☑ facade

☐ Polymorphism

☑ Observer

11. Which among the below statement is FALSE? [CO4-K2] *   2 points

○ Coupling is the measure of how strongly one element is connected to the other elements.

◉ In High coupling an element does not depend on too many other elements

○ High coupling is also called as strong coupling.

○ Low coupling is also called as weak coupling

12. Which among the below statement is TRUE? [CO4-K2] *   2 points

○ Attribute visibility is temporarily visible in nature

○ Parameter visibility is permanently visible in nature

○ Local visibility is permanently visible in nature

◉ Global visibility is permanently visible in nature

13. To handle the case of multiple, conflicting pricing policies   * 1 point
_____ pattern is used   ?   [CO4-K2]

○ Singleton

◉ Composite

○ Adapter

○ Observer

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