Observer Pattern

Choose the proper participant in the observer design pattern who could perform the described responsibilities.

* Required

1. Email address *

    _____

2. Your McGill ID *

    _____

3. Your Name *

    _____

4. Defines an updating interface for objects that should be notified of changes in a subject.

    Mark only one oval.

    ( ) Subject

    ( ) Observer

    ( ) Concrete Subject

    ( ) Concrete Observer

    ( ) I don't know

5.   Implements the updating interface to keep its state consistent with the subject's.

Mark only one oval.

◯ Subject

◯ Observer

◯ Concrete Subject

◯ Concrete Observer

◯ I don't know

6.   Provides an interface for notifying observers.

Mark only one oval.

◯ Subject

◯ Observer

◯ Concrete Subject

◯ Concrete Observer

◯ I don't know

7.   Stores state that should stay consistent with the subject's.

Mark only one oval.

◯ Subject

◯ Observer

◯ Concrete Subject

◯ Concrete Observer

◯ I don't know

8.   Maintains a reference to a ConcreteSubject object.

Mark only one oval.

( ) Subject

( ) Observer

( ) Concrete Subject

( ) Concrete Observer

( ) I don't know

9.   Sends a notification to its observers when its state changes.

Mark only one oval.

( ) Subject

( ) Observer

( ) Concrete Subject

( ) Concrete Observer

( ) I don't know

10.   Provides an interface for attaching and detaching Observer objects

Mark only one oval.

( ) Subject

( ) Observer

( ) Concrete Subject

( ) Concrete Observer

( ) I don't know

11. Stores state of interest to ConcreteObserver objects.

Mark only one oval.

◯ Subject

◯ Observer

◯ Concrete Subject

◯ Concrete Observer

◯ I don't know

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