

Quiz1

1. Answer the following as true or false
 - a. Inheritance in Object Oriented Database permits creating new types or classes that can inherit their structure and/or operations from previously defined types or classes (T/F)
 - b. Polymorphism allows same operation name to be used in several distinct implementations (T/F)
 - c. Collection is a type of constructor that allows multiple data types (T/F)
 - d. Object Definition Language (ODL) is similar to DML of relational databases (T/F)
 - e. An extent stores collection of transient database objects (T/F)
 - f. Subtype can inherit functions (attributes and methods) of more than one supertype (T/F)
 - g. The phrase NOT FINAL must be included in a UDT if subtypes are allowed (T/F)
 - h. Atomic, Struct and Collection literals do not have an object identifier (T/F)
 - i. An interface is typically instantiable (T/F)
 - j. Behavior inheritance is also known as interface inheritance (T/F)
 - k. Inheritance using the keyword EXTENDS is allowed for both classes and interfaces (T/F)
 - l. Multiple inheritance is allowed via the EXTENDS keyword (T/F)
 - m. Factory objects are used to generate or create individual objects via its operations (T/F)
 - n. An iterator variable is needed whenever a collection is referenced in an OQL query (T/F)
 - o. In every OQL query, an entry point to the object database is needed (T/F)
 - p. Generally, a n extent name may serve as an entry point (T/F)
 - q. Use case diagram is an example of Structural UML diagram (T/F)
2. Fill in the following blank spaces
 - a. You want to create a new type that is similar but not identical to an already defined type. You use the keyword _____. (subtype-of)
 - b. _____ notation is used for dereferencing while building path expression in Object Oriented Database Queries (->)
 - c. Behavior inheritance is shown as _____ notation (:)
 - d. In an object database query, a path expression is used to specify a path to _____ and _____ in an entry point (attributes, objects)
 - e. The _____ keyword in OQL is used to specify an identifier for a named query (define)
 - f. While presenting an Entity-Relationship diagram in a UML class diagram, an Entity is presented as _____ (class)