**CITTACORE TECHNOLOGIES**

**Answer all the following multiple choice questions:**

1. What is the purpose of the Database.Stateful interface in a batch class? [ ]
   1. It allows the batch class to make callouts
   2. It maintains the state of a variable across batch executions
   3. It ensures the execution order of batch jobs
   4. It provides access to database records in a batch
2. How can we track the status of the current running batch job? [ ]
   1. Use the System Log in the Developer Console
   2. Query the AsyncApexJob object using the JobId
   3. Check the Apex Jobs section in the Setup menu
   4. Use the System.debug() method in the batch class
3. How many concurrent batch jobs can be added to the queue? [ ]
   1. Up to 10 batch jobs
   2. Up to 5 batch jobs
   3. There is no limit to the number of batch jobs
   4. Only one batch job at a time
4. What is the maximum number of Queueable jobs that can be enqueued in a single transaction? [ ]
   1. 10
   2. 50
   3. 100
   4. There is no limit to the number of Queueable jobs that can be enqueued
5. What is the maximum number of records that can be returned by a single SOQL query?
   1. 10,000 [ ]
   2. 25,000
   3. 50,000
   4. 100,000
6. Can one Future Method invoke another Future Method? [ ]
   1. Yes, they can be chained together.
   2. No, chaining of Future Methods is not allowed.
   3. It depends on the Apex version being used.
   4. Yes, but only within the same class.
7. Which clause is used to skip a certain number of records in an SOQL query resultset?
   1. GROUP BY [ ]
   2. HAVING
   3. ORDER BY
   4. OFFSET
8. What is the return type of a Future Method? [ ]
   1. void
   2. String
   3. Integer
   4. SObject
9. What is the purpose of trigger bulkification? [ ]
   * 1. To optimize trigger performance
     2. To handle bulk data operations
     3. To prevent governor limits issues
     4. All of the above
10. What can be achieved using Apex Triggers? [ ]
    * 1. Complex business logic implementation
      2. Custom validations
      3. De-duplication processes
      4. All of the above
11. Which context variable in Triggers contains the current context records in a list collection?
    * 1. Trigger.New [ ]
      2. Trigger.Old
      3. Trigger.NewMap
      4. Trigger.OldMap
12. Which collection class maintains the uniqueness of elements by using binary comparison?
    1. List [ ]
    2. Set
    3. Map
    4. Queue
13. What is the purpose of the Add method in the List class? [ ]
    1. It adds an element to the beginning of the list.
    2. It adds an element at a specified index position in the list.
    3. It adds multiple elements to the list at once.
    4. It adds an element to the end of the list.
14. Which of the following methods is used to add a key-value pair to a Map collection?
    1. add() [ ]
    2. insert()
    3. put()
    4. set()
15. What is the purpose of the Database.SaveResult class? [ ]
    1. To store the IDs of the inserted records.
    2. To store the errors encountered during DML operations.
    3. To provide transaction management for DML operations.
    4. To retrieve the success status of DML operations.