**Objective Type Question Paper**  
**Subject: SDLC, GIT Commands & SQL Server**  
**Total Marks: 60**  
**Time: 1 Hour**

**Section A: SDLC (20 Marks)**

*(Each question carries 2 marks)*

1. What is the first phase in the Software Development Life Cycle (SDLC)?  
   **c) Requirement Analysis**
2. Which SDLC model follows a linear sequential flow?  
   **b) Waterfall Model**
3. Agile methodology is best suited for:  
   **b) Projects with changing requirements**
4. Which of the following is not a phase in SDLC?  
   **c) Hacking**
5. The primary purpose of system testing is:  
   **b) Ensuring the system meets user requirements**
6. In which model are increments added in every phase?  
   **c) Incremental Model**
7. Which methodology emphasizes customer collaboration and flexibility?  
   **a) Agile**
8. The RAD model is best suited for:  
   **a) Small projects with tight deadlines**
9. What does SRS stand for in SDLC?  
   **a) System Requirements Specification**
10. Which testing is performed after integration testing?  
    **b) Acceptance Testing**

**Section B: GIT Commands (20 Marks)**

*(Each question carries 2 marks)*

1. Which command is used to initialize a new Git repository?  
   **b) git init**
2. How do you check the current status of your Git repository?  
   **c) git status**
3. What does git clone do?  
   **b) Copies a repository from a remote source**
4. Which command is used to stage changes for a commit?  
   **c) git add**
5. What is the command to create a new branch in Git?  
   **a) git branch <branch\_name>**
6. How can you switch to another branch in Git?  
   **d) Both b and c**
7. How do you merge a branch into the main branch?  
   **a) git merge <branch\_name>**
8. Which command is used to undo the last commit?  
   **a) git reset --soft HEAD~1**
9. How do you push changes to a remote repository?  
   **a) git push origin <branch\_name>**
10. What does git pull do?  
    **b) Fetches and merges updates from the remote repository**

**Section C: SQL Server (20 Marks)**

*(Each question carries 2 marks)*

1. Which SQL command is used to retrieve data from a database?  
   **b) SELECT**
2. What is the primary key in SQL?  
   **a) A unique identifier for each record**
3. Which SQL statement is used to insert data into a table?  
   **b) INSERT INTO**
4. How do you delete all records from a table but keep the structure?  
   **c) TRUNCATE**
5. What does the WHERE clause do in SQL?  
   **b) Filters data based on conditions**
6. What does SQL stand for?  
   **a) Structured Query Language**
7. Which JOIN returns only matching records from both tables?  
   **c) INNER JOIN**
8. What is the purpose of GROUP BY in SQL?  
   **a) Groups data based on conditions**
9. Which function returns the total number of records?  
   **b) COUNT()**
10. What does the HAVING clause do?  
    **a) Filters groups**