SDLC : Development Life Cycle ---🡪 SDE -🡪 Build the product

Req analysis and planning

Documentations -🡪 HLD & LLD(Filling out the templates like function lib , tables in db with implementation code and record)

ATM Transactions

Phone Banking

INET Banking

Code

Withdraw

Deposit

Implementation

Deployment

Maintenance

STLC : S/w Testing Life Cycle

Development Environment Testing Environment Client Environment

STLC ---- QA Processes ----- SDET

* Test Requirement Analysis ------ Req Sp Doc
* Test Planning ---- Test Plan
* Test Design ---- Test case designe
* Test Environment Setting ---- S/w and H/w rediness
* Test Execution---- Execution of manual test case Executing the scripts -- automation scripts
* Test Automation ---- Converting a test case steps to script
* Defect Tracking ---- Error | Bug | Defect🡨-- problem arises in client’s side
* Maintenance Phase

SDLC & STLC

SDE & SDET

QA Process

1. SDE & SDET prospective
2. SDLC and STLC
3. Documentations in SDLC & STLC
4. Traditional Models in Software developments
5. Drawbacks in those models
6. What is agile
7. How agile can be beneficial for the process
8. What are agile manifesto
9. What are agile principles
10. What are the different agile frameworks
11. What is SCRUM
12. Who are developers
13. Role of Product Owner
14. Product Backlogs
15. Who will update product backlogs
16. Sprint
17. Task
18. Time box
19. Daily scrum meets
20. Who are all involves in DSM
21. PO --- is mandate in DSM ?
22. What is the role of Scrum Master
23. The overview of complete SCRUM framework.