iii - csm   Unit wise important Questions:

unit-1

1) a) Explain Agile methodology & four values of Agile manifesto

b) Explain the twelve Agile manifesto Principles.

2) a) Explain in detail about waterfall methodology?

b) Write the differences between Agile & waterfall.

3) a) Explain in detail Scrum methodology?

b) Explain Scrum Roles in detail?

4) a) what is Git & Version Control Concept?

b) Explain Centralized vs distributed. Version control System?

5) a) Explain Recording changes to the git repository?

b) Explain about Git Commit?

6) Explain the following Commands in detail?

   a) Git Reset

   b) Git Revert

   c) Git Rebase

   d) Git merge.

   e) comparision between Rebase & merge?

7) a) Explain how to create SSH-key and add to account?

b) Explain Git Push & Git Pull?

8). a). Explain the Branching Concept in Git ~~mege~~?

b) Explain ~~the~~ about merge conflict in detail?

9). a). Explain about fast-forward merge & no-fast forward merge?

b) Explain Git Cherry-Pick?

10). a) Explain about STASH in Version control concept?

b). Explain about Git-Tags?

Unit-2

1) Define the following terms?

     a) Testing   b) Quality   c). Quality management

     d). Quality Assurance   d). Quality Control.

2). with neat sketch Explain all stages of Software Testing life cycle?

3). a). where is the Testing in the Agile model?

b). where is the Testing in the V-model? (Explain in terms of Software development models & Testing).

4). a) why Software Testing is important and what to Test?

b). what are Soft skills & Hard skills of Software Tester?

5). Explain the following terms?

     a). checklist   b) Test cases   c) Test Suites.

     d) draw & Explain Sample Test Case template.

6). Explain defect report and its life cycle?

7) Write about defect report fields (attributes)

8). Explain the following?

   a). Test plan.   b) Criteria   c) Resources.

   d) Test Schedule   d). metrics. (Simple Calculated &
                                                      Complex Calculated
                                                        metrics)

9). Explain the following?

   a). functional & Non-functional testing?
   b). Regression testing
   c) Acceptance testing
   d) Positive & Negative testing.

10). Explain the following?

   a) Smoke-Test
   b) Critical Path test.