1) web Development :-

→ web development is the process of creating a web applications.

→ web development encompasses both front-end (user interface) and back-end (server-side and Database management)

→ It involes programming lang framework, tools to design, build and deloy

2) Front-end road Map.

Front-end road map covers some important tools and technologies

→ HTML
→ CSS
→ Javascript
→ Frameworke like React, vee Js, angualar
→ APIs, Restful Apls.
→ Git

3p Back - end Road Map.

For back end must learn some skills and knowledge in this tools mentions below.

-> programming lang -> python or javascript any one lang.

-> Node js

-> Managing database - mysql

-> spring book.

4p versions of web development.

web 1.0 (the static web).

-> HTML was the primary lang.

-> websites with limited interactivity

-> limited user participations and dynamic
                                    - content.

web 2.0 (the social web)

-> Emergence of dynamic content and user interaction.

-> web 2.0 relies on javascript

frame work allows to develop browse technologies needed.

5} API

-> API (Application programming interface)

-> Communicate with each other both
using request and responses. or me users.

-> There are some important APIs

* REST API
* SOAP API

6} Domain Registration Management.

Domain Registration Management
Involves the process of acquiring, renewing
and Maintaining ownership of internet
domain name.

7} Types of web hosting services.

* Shared hosting
* VPS hosting (virtual private server)
* Email hosting
* Cloud hosting
* Reseller hosting

8) What is SDLC

* Software development. lifecycle..

Its a process that design to build high-
quality software.

     1. planning

     2.* The goal of SDLC is to minimize

risks turough the planning before
the project starts.

9) Phases of SDLC

     SDLC has 7 phases.

       1. planning

       2. Analysis

       3. Design.

       4. Development

       5. Testing.

       6. Implementation

       7. maintanance.

10b Agile Methodology.

Agile methology is a project management that involes breaking a project into phases and continuous collaboration and improvent. they follows the cycle planning execution and evaluation

-> Discussion

-> Analysis

-> Strategy

-> Execution

-) QA & testing.

11b Diff b/w water fall and Agile metholiges.

water fall	Agile.
water fall model well works in small projects. water fall model follows a sequential design process.	Agile is well good for big projects for execution and evaluation. Agile follows a incremental approach Incremental part of each developed after a process