1. **What exactly is a MERN stack, and what does it imply?**

Ans.

**MERN** – It is a javascript stack used for faster development of full stack web applications. MERN stands for MongoDB, Express, React and Node. By using these techs MERN allows to easily construct Front-end using React, Backend using Node and Express and Database using MongoDB.

1. **What exactly is REACT JS, and how does it work?**

Ans.

React Js is declarative, efficient and flexible Javascript library for building user interfaces. It lets you compose complex UIs from small and isolated piece of code called components. React uses Virtual DOM, i.e. it maintains a separate DOM called as Virtual DOM and modify it whenever content is changed. Then it compares that with actual DOM and only update the changes.

1. **How does REACT JS help you?**

Ans.

React Js is helpful in building single page app in an efficient and faster way. It helps in maintaining code quality in complex UI and we can build re-usable components using react, thus reducing the common code. The SPA is build using the components and each component have their own life-cycles thus it can mount-unmount the page without reloading the complete page.

1. **What are MongoDB's most important features?**

Ans.

Some Features are mentioned below:-

i Support ad hoc queries - Can search by field, range query, regex etc.

ii Indexing – Index any field in document.

iii Replication – Replicates its data over multiple servers.

iv Load Balancing- Automatic load balancing configuration because of data placed in shrads.

1. **What is the difference between REACT JS and Angular JS?**

Ans.

Differences are-

1. React js is a library built and maintained by Facebook and Angular JS is framework built and maintained by Google.
2. Reacts support 1 way data binding while Angular supports 1 way as well as 2 way data bindings.
3. Angular uses Incremental DOM- when creating the new DOM it will compare with the previous one and apply the differences to the ‘real’ DOM while React uses Virtual DOM- whenever the content changes, it will create a new virtual DOM, compare with previous and only modify the real DOM where it differs.