1. **Apart from MERN Stack, what other stacks are you familiar with?**

Ans.

Some other Stacks are mentioned below-

1. MEAN Stack - MongoDB, Express, AngularJS & NodeJS.
2. Django Stack – Django, Python & MySQL.
3. Ruby on Rails – Ruby, PHP & MySQL.
4. LAMP – Linux, Apache, MYSQL & PHP
5. MEVN – MongoDB, Express, Vue.js, NodeJS
6. Java Full Stack – Angular, Java, Springboot
7. **In ExpressJs, what do you mean by middleware?**

Ans.

Middleware is a function placed between 2 operations having access of request, response and next. It modifies the request and provide the modified response to the next middleware or controller. Example – It is used to convert the request received to json format and send it to the controller.

1. **What exactly do you mean when you say "sharding"?**

Ans.

Shrading is a method of splitting and storing a single dataset in multiple databases. By storing it that way, a cluster of DB can store larger datasets and thus it makes the queries faster, and easily manageable.

1. **Describe a few examples where can the MERN Stack be used?**

Ans.

MERN Stack can be used for building a full-fledged web application wherever Frontend, Backend and Database Interaction is required. Some use case are mentioned below.

A Discussion Portal

B Student Registration Portal

C College Admin Portal

D Shopping Application

E Streaming App

1. **What do you mean when you say "threads"?**

Ans.

Thread also called as lightweight process, is a single sequential flow of control within a program. Processes can have one or more threads and these are called as –

1. Single Thread – Process have only one thread and all the operations can only flow throw this particular thread. It is slower in execution of code.
2. Multi Thread – Process have multiple threads therefore, it can execute multiple instructions simultaneously. Therefore, it is much faster in executing the code.