Hari. B.

Verified.

1. what is an ERP system?

Enterprise resource planning (ERP) is software that manages business process like sales, inventory, HR and finance.

2. what is a web based ERP system?

It is accessed through a web browser and run on a web server

3. why we use a web appl for ERP?

Because it allows user to access business data from anywhere using internet.

4. what are the main modules in an ERP system?

Sales, inventory, finance, HR, production and customer management.

5. what is 1st step in building a web ERP app?

Gathering business requirements and planning the system structure.

6. what technologies are commonly used in web sys?

Frontend: HTML, CSS, Javascript

Backend: python. Java. PHP

Database: Mysql, postgresal.

7. Role of a database in an ERP?

Store all business data like products, employees, orders etc.

8. what is a UI in a ERP web app?

the part users interact with to input and view data.

9. what is user authentication?

login system to allow only authorized users to access the application.

10. How are roles and permission used in ERP sys?

To control what different users can access or edit.

11. what is data validation in ERP forms?

Check if the entered data is correct before saving it to the db.

12. Tools used for version control in devops;

Git and platforms like Github, gitlab or Bitbucket

13. what is a build pipeline?

A series of steps like test, build, deploy
that run automatically or code changes.

14. what is orchestration in Devops?

Managing containers using tools like Kubernetes for
scalability and reliability.

15. what is rollback in deployment?

Reverting to the previous stable version
if the new update fails.

16. How is configuration managed in Devops?
using tools like ansible, chef or puppet to
automate system setup.

17. How is automated testing done in devops?
using tools like selenium, pytest or Junit
to run the scripts.

18. Benefits of using docker in ERP system?

It ensures the ERP apps run the same way in any environment.

19. What is monitoring in devops for ERP apps?

Tracking performance and errors using tools like prometheus or grapana.

20. What is the final step in devops?

Continuous feedback and improvement based on user and system data.