

OOP	DB	DSA	OOAD/SE/SRE	General	OS / Networking	WEB	Analytical	SQA	Comments
-inheritance					* what is threading	- Hoisting - Event loop if ak function ka wait ho to kia kren gy			
static keyword					* single vs multithreading	- Closure - memoizatiin			
* basic question(Inheritance , polymorphism ,encapsulation,abstraction)					* http=80 vs https=443 port	- Callbacks, Promises, Async Await - Callback hell			
Algo and data structure					* how to differentiate if a task is single threaded or multithreaded?	- handling error in aysnc await - Array methods			
* In which scenario Trees will be beneficial					* Process vs thread	- map vs forEach - find, filter etc			
* In which scenario LinkedList will be beneficial					* Shared memory area	- reduce var const let			
* In which ////////// array or arraylist will be beneficial					* Semaphore vs mutex	- Generator functions - Prototccype in js			
* Trees LinkedList etc time complexity					* Multithreading in ROR (if exist)	- setTimeout, setInterval - Is Javascript synchronous or asynchronous? - inline function or simple fuctions ma kia farq h -interfaces vs prototype			
					Database	- normalization and denormalization (benefits etc) kion krti hn? - Self-join * serialization	-Clusters -Event Bubbling -Event Propagation -Bind		

					-server side vs client side rendering			
				Networking	React:			
				* Famous ports (SFTP=22, SMTP=25, HTTP=80, HTTPS=443 etc)	- lifecycle methods			
				* Famous protocols purpose (SFTP, SMTP etc)	- Order of a component execution			
				* Protocols Ftp	- Pure component			
					- higher order functions			
					- higher order components			
					- Pure Functions / Reducer Function			
					- state vs prop			
					- diffing algo			
					- virtual dom			
					- Reconciliation			
					- react vs angular vs vue			
					- Higher Order Components			
					- setState is async			
					- axios			
					- axios interceptors			
					- ref			
					- calling a child function from parent-refs			
					- hooks / useEffect			
					- how to achieve componentDidMount			
					- how to achieve componentDidUpdate			
					- how to achieve componentWillUnmount			
					- Auth			

				- flow				
				- where to store the token				
				- Redux				
				- structure / flow				
				- why use middleware				
				- hooks				
				- middleware (thunk)				
				- Lazy Loading Suspense				
				- useLayoutEffect				
				- useEffect				
				- why we use react(why react)				
				- Dumb vs Smart Component				
				- Controlled and Uncontrolled Component				
				- How Can We Achieve Optimization In React				
				- Profiler				
				- useMemo				
				- useCallback				
				- LazyLoading				
				- React.Memo				
				- PureComponent(For Class Component Only)				
				-usememo				
				-usecallback				
				-event bubbling				
				-bind				

-css krni achi wli

web hooks in node js

payment gateway

sockets

testcases chai and moca

promise and promise.all

javascript is a non blocking io

authentication vs authorization

database queries time related many to many relation

manage user and jwt tokken

difference between promise and async await

micro services

middleware how do you structure your project event loop sync asyct call abck promis async await

