**Questions:**

* What is service?
* How many are the types of services?
* Does Service have Ui Interface?
* What happened when you run ui blocking long running task on service?
* Define Foreground service in one line?
* What is most important thing for a foreground service to run?
* Which other API work offer flexible way of scheduling tasks other than foreground service?
* Define background service in one line?
* What are limitations when service run as background service?
* Define Bound service in one line?
* When does a service is a background, foreground and bound?
* Can a service behave as a background, foreground or bound at a same time?
* Can any other app component use the service of any other app?
* Explain a case in which we should use background thread instead of service?
* What are subclasses of service name any there and there uses?
* What are most important callbacks of Service which you should override?
* When does *onStartCommand* ***()*** method invoked?
* When does it developer responsibility to stop the service and how many ways it can be stop?
* When does *onBind ()* callback invoked?
* How does start a service as bound as well as foreground at a same time and invoked both *onBind ()* and *onStartCommand ()* methods?
* What is role of IBinder and when does *onBind ()* is necessary and when does it should be return null?
* When does *onCreate ()* callback invoked and what is it role?
* If service is already running and *startService ()* called does *onCreate ()* callback invoked?
* What will be stop behaviour of a service it started with *startService ()*?
* What will be stop behaviour of a service it started with *bindService ()*?
* In which case onStartCommand () will not be called?
* What will be stop behaviour of a service it started with *bindService ()* and *onStartCommand ()* not called?
* When does a service is Least Likely to be Killed, Rarely Killed and Highly Susceptible to Killing?
* How you can set the restart behaviour of the service?
* How to declare the Service?
* Which attribute is must require to declare a service in manifest?
* Why should we take care of service name remain unchanged while making build?
* By which intent its good practice to start a service, an implicit or explicit and give me example of starting service with both intents?
* What happened if you *bindService ()* with implicit intent?
* What is role of *android: exported* attribute in service tag while declaring in manifest?
* What is role of *android: description* attribute in service tag while declaring in manifest?
* What is a started service?
* What is behaviour of lifecycle of a started service?
* How a you can pass data to service and where you can get the data?
* Which subclass of service use worker thread to do task?
* Which subclass of service is not recommended to use starting from android 8 and which are limitation due to which it not recommended?
* Which subclass of service depreciated in favour of Work Manager?
* On which version subclass of service which is not recommended is deprecated and what is replacement of this deprecated class?
* What is role of integer value return by *onStartCommand ()?*
* Why is it important for the return value from *onStartCommand ()* to be one of the specified constants and which are these specific constants?
* Write the role of each specific constant return by *onStartCommand ()* and how they change the behaviour of service and explain each with real life example?
* What are changes in way of starting a service from android 28?
* What if developer want that service send back result to the activity which start it what would be the best approach?
* What happened if you call multiple time using same intent *startService ()* and *stopService ()*?
* What is role of startID pass in *onStartCommand ()* as an argument?
* What will be the stop behaviour of app if it is stop by passing startID in *stopSelf ()* as a parameter?
* Does *stopService ()* stop the service even if it running as foreground as well as bound?
* By which way a bound service can communicate with client or bind component?
* Can multiple component or clients can bind to bound service simultaneously?
* Does *unbindService ()* call every time when a service is unbound?
* What is the destroy behaviour of a service and how it is destroy when it started with *startService ()* and when it started with *bindService ()*
* How to run a service as foreground as well as bound service at same time?
* Does the *stopService ()* or *stopSelf ()* stop the service which run as started service and then bind any components and still bound?
* When does *onRebind ()* called?
* Explain the service lifecycle callback methods flow for both started as foreground and bound?
* What is active lifetime vs entire lifetime of service?