**1.What is NPM ?**

NPM is Package Manager for Java script language . It is used to share and import the packages developed by the other Javascript Developers.

NPM is associated with Node js .

2. What is `Parcel/Webpack`? Why do we need it?

Parcel/Webpack is a bundler that bundles all js files into single files. They optimise the code by removing console logs , minify the code , it also compress the image sizes.

3. What is `.parcel-cache` ?

Parcel-cache is a folder that is created by the parcel/bundler . To reduce the task , parcel stores all the process in parcel cache for speed actions. It store various data so that parcel uses it to speed up the builds and developments.

4. What is `npx` ?

‘npx’ is a npm command , that used to execute the react application.

It also used for temporarly running the packages without actually install it .

5. What is difference between `dependencies` vs `devDependencies` ?

Dependencies that are mandatory for both production and development are considered as dependencies.

Dependencies that only required at the time of development comes under devDependencies.

6. - What is Tree Shaking?

Its a process of removing dead code from the production code to optimise and it is done by bundlers.

7. What is Hot Module Replacement?

Rather reloading the whole page , this concepts talks about it replace only the required part.

8. `package.json` and `package-lock.json`

So Basically ^ and ~ used for minor and patch version updates to overcome or fixed to particular version at the time of installation we use another file names package.lock.json. where as package.json change with respect to the updates.

The problem with `package.json` is that you and your vulnerability scanner can end up seeing different versions of dependencies. Yet worse, you could be running different versions compared to what is running in production. That’s because `package.json` usually doesn’t specify exact versions, so depending on when/where you invoke npm install, you can see different versions than a vulnerability scanner. This is a recipe for disaster and lots of unneeded work.

The `package-lock.json` file was introduced in npm version 5 to solve this problem. It is a generated file and is not designed to be manually edited. Its purpose is to track the entire tree of dependencies (including dependencies of dependencies) and the exact version of each dependency.

9. What is `node\_modules` ? Is it a good idea to push that on git?

Node modules is folder where all the dependent and transitive dependent packages are stored and they should not push into the git because they can be easily generated using package.json.

* Anything that can be generated should not push to git.

10. - What is the `dist` folder?

Dist folder the optimised folder that is ready for sending to production side , it has no console logs minified and compressed.

11. - What is `browserlists`

Key value attribute of dependency that specify versions of browsers that it should be supported.