

Assignment BB

Q-1) What do you mean by CPU Governors?

- A CPU governor is an android controller how the CPU raises & lowers its frequency in response to the demands the user is placing on their device.
- Governors are especially important in smartphones or tablets because they have a large impact on fluidity of the interface.
- You cannot change your computer governor unless your phone is rooted & you have a ROM or app that lets you make a change.

Q2) What is use of changing frequency of CPU.

- 1. The BBB has various governors that can be used in profile, power usage ratio.
- 2. Eg: If you were to build a battery powered BBB applications that require low processing requirements you could reduce the clock frequency to conserve power.
- 3. Sometimes you might want to control the clock speed of BB. For eg. in battery powered environment where you want to control the clock speed of BB.

Q.3] What are available frequency options in BBB?

→ The available frequency options are:

- 1) 300 MHz
- 2) 600 MHz
- 3) 800 MHz
- 4) 1000 MHz
- 5) 275 MHz
- 6) 500 MHz
- 7) 720 MHz