Question 1. Write short note on Process Life cycle

ANS:
It involves two schedular
1) Long term schedular
2) Short term schedular
When the program is run from the hard disk it goes into the ready queue state, then it is run by sending it into the Running state, if any emergency program occurs it goes into the waiting state. When the emergency program gets ended the previous program gets resume then after finishing it goes into the termination state or even we can send program directly from the waiting state to termination state by pressing CTRL + C or CTRL + Z to kill the program.

Question 2. What role does an operating system perform.
ANS:
It is a software which helps to interface between users and hardware.
Drivers also acts as an OS which is used when we connect any peripherals to system.

Question 3. What is a process ?
ANS:
It is the program which is currently in execution stage.

Question 4. What is the job of a long term scheduler
ANS:
When the program is run from the hard disk it goes into the ready queue state, then it is run by sending it into the Running state, if any emergency program occurs it goes into the waiting state. When the emergency program gets ended the previous program gets resume then after finishing it goes into the termination state or even we can send program directly from the waiting state to termination state by pressing CTRL + C or CTRL + Z to kill the program.

Question 5. What is Response time.
ANS:

Response time also know as waiting time, it is the time when it is actually started minus schedule time.