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|  | **LONG-TERM SCHEDULER** | **SHORT-TERM SCHEDULER** | **MEDIUM-TERM SCHEDULER**  (better and preferred) |
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| 1. | It is job scheduler. | It is a CPU scheduler. | It is a process swapping scheduler. |
| 2. | Speed is lesser than short term scheduler. | It is fastest among other two. | It is in between both long and short. |
| 3. | It controls the degree of multi-programming. | It provides lesser control over degree of multi-programming. | It reduces the degree of multi-programming. |
| 4. | It is almost absent in time sharing systems. | It is minimal in time sharing system. | It is part of time sharing system. |
| 5. | It select processes from pool and loads them into memory for execution. | It selects those processes which are ready to execute. | It can reintroduce the processes into memory and execution can be continued. |