

through deadlock. What is livelock?

guarantees mutual exclusion.

hand in hand?

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Paper Code: PCC-CS502 Operating Systems

Time Allotted: 3 Hours Full Marks: 70

The Figures in the margin Indicate full marks.

Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

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g algorithms. [5+5+5]
and average waiting time, for RR
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9/ Make a comparative analysis of the various scheduling algorithms, How does synchronization and scheduling go

10. Define critical Section. Mention the mechanism to control access to critical section. Explain how use of monitors

[8+7]

[3+4+8]

17. Discuss about shell and kernel. Explain the process of booting. Explain forking. Discuss about orphan, zombie {4+2+3+6} and daemon process.

*** END OF PAPER ***

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