

GATE 2006

The arrival time, priority, and durations of the CPU and I/O bursts for each of three processes P1, P2 and P3 are given in the table below. Each process has a CPU burst followed by an I/O burst followed by another CPU burst. Assume that each process has its own I/O resource.

Process	Arrival Time	Priority	Burst Duration		
			CPU	I/O	CPU
P1	0	2	1	5	3
P2	2	3 (lowest)	3	3	1
P3	3	1 (highest)	2	3	1

The multi-programmed operating system uses preemptive priority scheduling. What are the finish times of the processes P1, P2 and P3?

- (a) 11, 15, 9
- (b) 10, 15, 9
- (c) 11, 16, 10
- (d) 12, 17, 11

Related posts:

1. GATE CS 2020 CPU Scheduling PYQ
2. GATE CPU scheduling PYQ
3. GATE 1996 CPU Scheduling algo completion time RR
4. GATE 2005 CPU scheduling PYQ
5. GATE 2004 CPU scheduling PYQ
6. GATE CPU scheduling PYQ
7. GATE 2017 Bankers algorithm Dead lock PYQ
8. GATE 2014 DEADLOCK BAKERS ALGO PYQ

9. GATE 2015 DEADLOCK BANKERS ALGO PYQ
10. GATE Bankers Algorithms
11. Develop a Gantt Chart, Average Waiting time, FCFS, SJF, RR
12. OS#08 | Contiguous and linked list allocation for implementing file system in Hindi video | RGPV previous years