Related posts:

1. GATE, Context switch calculation in SRTF algorithm | Prof. Jayesh Umre
2. GATE, Longest Remaining Time First Algorithm | Prof. Jayesh Umre
3. GATE Calculate Total Waiting Time SRTF algorithm | Prof. Jayesh Umre
4. Operating System: A List of Video Lectures RGPV Notes
5. GATE | Find a+b Matrix? | EC GATE 2005 | Prof. Jayesh Umre
6. GATE | Inverse of 3X3 Matrix | Prof. Jayesh Umre
7. GATE | Inverse of 2X2 Matrix | Prof. Jayesh Umre
8. GATE | Top row of Matrix inverse ? | CE GATE 2005 | Prof. Jayesh Umre
9. GATE | The product of Matrix | CE 2008 | Prof. Jayesh Umre
10. GATE | Adjoint of a Matrix | Prof. Jayesh Umre
11. Introduction to Operating Systems
12. Different Types of OS
13. Characteristics and features of an OS
14. Operating sytems services
15. System Calls in OS
16. File Systems
17. How many page faults
18. Process State Diagram
19. Operating System Scheduler
20. FIFO page replacement algorithm
21. LRU page replacement algorithms
22. Optimal page replacement algorithm
23. SRTF shortest remaining time first
24. OS 4
25. OS 3

26. Os 2
27. Os 1
28. CBSE NET 2004 38
29. Cbse net 2004 37
30. Cbse net 2004
31. CBSE Net 2017
32. Ugc net 2017 solved
33. NET 4
34. NET 1
35. Net 28
36. Net 26
37. GATE 02
38. GATE 01
39. Net 50
40. Net 49
41. Net 48
42. Net 46
43. Net 44
44. Net 40
45. Net 39
46. GATE, AVG function and join DBMS | Prof. Jayesh Umre
47. GATE CS | Binary tree questions | Prof. Jayesh Umre
48. GATE | Binary Search Tree | Related Questions | Prof. Jayesh Umre
49. C SwitchCase numerical GATE CS2012 | Prof. Jayesh Umre
50. c program numerical GATE CS2012 | Prof. Jayesh Umre
51. C SwitchCase numerical GATE CS2012 | Prof. Jayesh Umre
52. GATE 2014 DBMS FIND Maximum number of Super keys | Prof. Jayesh Umre

53. GATE 2017 DBMS Query | Prof. Jayesh Umre
54. GATE 2004, Calculate height of Binary Tree | Prof. Jayesh Umre
55. GATE 2010 Binary tree descendent | Prof. Jayesh Umre
56. GATE | Find Matrix F | ME GATE 2006 | Prof. Jayesh Umre
57. GATE | Singular Matrix | ME GATE 2004 | Prof. Jayesh Umre
58. Memory management
59. Concept of Threads
60. Process concept
61. Directory Structure OS
62. Contiguous disk space allocation method
63. File systems
64. Types of os
65. Evolution of os
66. Functions of os
67. GATE Notes
68. Why is operating system a mandatory software?
69. GATE 1996 CPU Scheduling algo completion time RR
70. Bankers algorithm problems
71. Diploma Linux Unit 3
72. RGPV Diploma Linnux Unit 2
73. Program to print string in reverse order
74. Program to implement while loop in Linux
75. Program to implement for loop using sequence keyword in Liux
76. Program to implement different types of increment in Linux
77. For loop without in keyword in Linux
78. Program to implement for loop using in keyword in Linux
79. Multiple Processor Scheduling

80. What do you mean by Virtual Memory? Write down its advantages?
81. Compare Paging and Segmentation?
82. What is Process Scheduling, CPU Scheduling, Disk Scheduling? Explain Short, Medium and Long term Scheduler?
83. Explain concept of a process with its components ?
84. Explain the following in brief Contiguous and Linked list allocation for implementing file system?
85. Explain various Disk scheduling algorithms with Illustrations ?
86. Define process and thread. What is PCB ? Explain its various entries with their usefulness ?
87. Discuss advantages and disadvantages of the Buffer cache ?
88. Explain different types of OS with examples of each ?
89. What is an Operating System? Write down its desirable characteristics ?
90. Define a deadlock ? Write down the conditions responsible for deadlock? How can we recover from deadlock ?
91. What are the various services provided by Operating system ?
92. What do you mean by PCB? Where is it used? What are its contents? Explain.
93. What is Binary and Counting semaphores ?
94. What is File? What are the different File attribute and operations?
95. What are System call? Explain briefly about various types of system call provided by an Operating System?
96. Describe necessary conditions for deadlocks situation to arise.
97. What are points to be consider in file system design? Explain linked list allocation in detail?
98. Write a Semaphore solution for dining Philosopher’s problem?
99. Consider the following page reference string:1,2,3,4,5,3,4,1,2,7,8,7,8,9,7,8,9,5,4,5. How many page faults would occur for the following replacement algorithm, assuming

four frames:a) FIFOb) LRU

100. Explain CPU schedulers in operating system?
101. Write the different state of a process with the help of Process state deagram?
102. What is Mutex in operating system?
103. Explain Network operating system?
104. What do you mean by paging in operating system ?
105. GATE CSIT 2023 Solved Paper