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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech II Year II Semester Supplementary Examinations February-2022****PRINCIPLES OF OPERATING SYSTEMS**

(Computer Science & Information Technology)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I1 Explain Operating System Functions in detail? L2 12M**OR**2 Discuss in detail the various Operating System Calls? L6 12M**UNIT-II**3 Discuss Process Scheduling in detail? L6 12M**OR**4 Explain in detail Scheduling Algorithms in detail? L2 12M**UNIT-III**5 Define Semaphores. List Classical problems of synchronization? L1 12M**OR**6 Explain about deadlock characterization? L2 12M**UNIT-IV**7 Demonstrate Segmentation with paging in detail? L3 12M**OR**8 Define Thrashing. List about Allocation of frames in detail? L1 12M**UNIT-V**9 Examine about RAID structure and stable-storage implementation? L4 12M**OR**10 Explain in detail File System Structure and File System Implementation? L2 12M

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