

S.NO: 420

BATCH: 2003 - 2014
2016, 2017

END OF SEMESTER EXAMINATIONS, NOVEMBER - 2018

OPERATING SYSTEM

SUBJECT CODE: 16UACA08/16UAC505/

MAJOR : B.C.A / B.Sc. (CS/CT)

16UACT07

SEMESTER : III / II

TIME : 3 HOURS

MAX. MARKS : 75

SECTION - A (5 X 2 = 10)**Answer ALL questions:**

1. Define System call.
2. What is an Interrupt?
3. Compare Contiguous Vs Non Contiguous Storage Allocation.
4. What is Low - Level Scheduling.?
5. What is file descriptor?

SECTION - B (5 X 4 = 20)**Answer ALL questions.**

6. a) Write Short Notes on Layered System.

(OR)

- b) Explain about Client - Server Model.

7. a) Explain about types of Interrupt classes.

(OR)

- b) Write Short Notes on Mutual Exclusion.

8. a) Write Short Notes on Weakness in the Banker's Algorithm.

(OR)

- b) What is Storage Placement Strategies?

9. a) Write any Five Scheduling Objectives.

(OR)

- b) Write Short Notes on Priorities.

10. a) Write Short Notes on Operation on files.

(OR)

- b) Write Short Notes on types of file Organization.

SECTION - C (3 X 15 = 45)**Answer any THREE questions.**

11. Explain about system call in detail.
12. Describe about the Process Concept in detail.
13. Discuss in detail about Fixed Partion Multiprogramming.
14. Explain about types of job and Processor Scheduling Algorithm in detail.
15. Discuss in detail about various Disk - Scheduling with Neat diagram.