UNIT 1 PYQs

- 6 marks

  What are system calls? Explain the difference categories of the system calls. (CO1)

  Describe Monolithic and Microkernel Systems. Mention the differences between them? (CO1)

  What is operating system? Explain the components of operating System in detail. (CO1)

  Explain the differences between multiprocessor and multi-tasking system with their advantages and disadvantages. (CO1)

  State the advantages and disadvantages of distributed system (CO1)

  Define Real time systems? What are the applications of real-time systems? How are they different from time-sharing system? (CO1)

- 10 marks

  Describe the goal, functions and characteristics of operating system in detail. (CO1)

  Write the importance of kernel in operating system. Differentiate between Monolithic and Microkernel systems in detail. (CO1)

  4-a.   Explain the following types of operating system (a)Multiprocessing (b)Multitasking (c)Batch Processing (d)Multithreading (e)Distributed (CO1)

  4-b.   Explain the characteristics of operating system in detail.(CO1)

4-a.   Write a short note on (CO1)
       1. Multithreaded
       2. Real time system
       3. Distributed system

4-b.   Define the different layers of operating system? Explain them. (CO1)

4-a.   Define essential properties of the following types of Operating system: i) Batch operating system ii) Interactive operating system iii) Time sharing operating system iv) Distributed operating system (CO1)

4-b.   What are the various objectives and functions of Operating systems? Discuss in detail.(CO1)