

KANDI RAJ COLLEGE  
BSC 4<sup>TH</sup> SEMESTER [PROGRAMME] GEN  
(COMPUTER SCIENCE)  
INTERNAL EXAM [PCC UG-G-CC-L-401D] -2022  
OPERATING SYSTEM

TIME -30 minutes

**ANSWER ANY TWO:**

**(2X5=10)**

1. What is Linux? Explain Time-shared Operating System.
2. What is Kernel? Write down the main functionalities of kernel.
3. Explain UNIX as a layered architecture.
4. What do you mean by deadlock situation in operating system? What are the necessary and sufficient deadlock conditions?

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