

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2021-COURSE)
B. Tech. Sem - III ELECTRICAL : WINTER- 2022
SUBJECT : ITC-I: OPERATING SYSTEMS

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 19-12-2022

W-25320-2022

Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1 Write a note on evolution of operating system (10)
- OR**
- Q.1 Elucidate various objectives of operating systems (10)
- Q.2 Elucidate various operations in processes of a computer system (10)
- OR**
- Q.2 Write a note on inter process communication in a computer system (10)
- Q.3 Explicate Buddy system in a computer memory allocation (10)
- OR**
- Q.3 Elucidate dynamic partitioning in a computer memory management system (10)
- Q.4 What are the functions of various input output devices in a computer system (10)
- OR**
- Q.4 Explicate various design issues of an operating system (10)
- Q.5 Explicate characteristics of an embedded system (10)
- OR**
- Q.5 Elucidate embedded Linux system in detail (10)
- Q.6 Explicate simple tasking and multitasking in operating system (10)
- OR**
- Q.6 Write a note on MS windows (10)

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