



**B V Raju Institute of Technology
(UGC Autonomous)
Vishnupur, Narsapur, Medak**

B.Tech 1 Semester Second MID-January 2021

Year : 3

subject : Operating Systems

Time : 1:0 and 1:30

Branch : CSE

Date : 29/2/2021

Marks : 15

Answer any three Questions. All Questions carry equal marks

| Q.No | Question Description | Marks |
|------|---|-------|
| 1a). | What is Direct Access Method? | 2 |
| 1b). | How does swapping result in better memory management? | 3 |
| 2). | What are the different states of a process? | 5 |
| 3). | What is the concept of reentrancy? | 5 |
| 4a). | Differentiate internal commands from external commands. | 2 |
| 4b). | What is NOS? | 3 |
| 5a). | Why partitioning and formatting is a prerequisite to installing an operating system? | 2 |
| 5b). | How would a file name EXAMPLEFILE.TXT appear when viewed under the DOS command console operating in Windows 98? | 3 |