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Total No. of Pages : 02

Total No. of Questions : 18

**B.Tech.(CSE) (2012 to 2017) (Sem.-5)**  
**COMPUTER PERIPHERALS & INTERFACES**  
Subject Code : BTCS-505  
M.Code : 70538

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

**SECTION-A****Answer briefly :**

1. What is the main difference between ISA and EISA buses?
2. Explain DMA Channel.
3. Differentiate between SCSI and IDE.
4. Differentiate ATA RAID and SCSI RAID.
5. What is the significance of video RAM?
6. What is the use of graphics accelerator in 3D technologies?
7. What are USB interfaces?
8. What is the role of device drivers in DOS?
9. List the applications for serial and parallel ports.
10. What is cost benefit performance analysis?

### SECTION-B

11. Compare the features of VGA and SVGA display Architectures.
12. Compare and contrast IDE and SCSI interfaces.
13. Explain DMA controller in detail.
14. What do you understand from interface standards? Explain the characteristics of the mostly used interface standard.
15. Explain the cost performance analysis while designing the computer system.

### SECTION-C

16. Name various types of I/O bus architectures used in PC's. Explain in detail the EISA bus architecture.
17. Explain in detail video display technologies.
18. What is the role of device drivers? Explain UNIX/Linux device drivers in detail.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**