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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(CSE) (2011 Onwards) (Sem.-5)
COMPUTER PERIPHERALS & INTERFACES
 Subject Code : BTCS-505
 Paper ID : [A2101]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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

Q1. Write briefly :

- What do you mean by conflict of resources?
- Give brief description of ATA-2.
- What do you mean by video adapter?
- What is the role of device drivers?
- Define the term video RAM and its uses.
- What do you mean by I/O port?
- What is IEEE1394?
- What is TV tuner card?
- Describe the term resolution and pixel.
- What is the difference between serial and parallel port?

SECTION-B

- Q2. What is RAID? Explain ATA RAID.
- Q3. Compare the performance and capabilities of VESA and PCI buses.
- Q4. Discuss the term IRQ and DMA channels.
- Q5. What is video adapter? What are different types of video adapters?
- Q6. What do you mean by advanced 3D Technologies? Explain.

SECTION-C

- Q7. Explain the process of design and integration of peripheral devices to computer system.
- Q8. What is the primary purpose of a device driver? Explain UNIX/ LINUX device drivers in detail.
- Q9. Write short note on :
 - a. Graphic accelerators
 - b. USB961