

**GOVT. COLLEGE OF ENGINEERING, AMRAVATI**

**Department of Computer Science and Engineering**

CLASS TEST-II(Winter 2015) B. Tech. Final Year

**Course:** Microprocessor and Interfacing **Code:** CSU702 **Time:** 1 hrs. **Marks:** 15

---

**Q.1** Draw pin configuration of USART 8251 with methods of data communication?[5 Marks]

**Q.2** Explain control word format for Synchronous and Asynchronous modes of operation of USART 8251.[5 m]

**Q.3 (a)** Explain internal architecture of programmable DMA interface 8237 with transfer modes of 8237. [5 m]

OR

**Q.3 (b)** Explain programmable keyboard/display controller 8279 with block diagram?[5 m]

---