

GOVT. COLLEGE OF ENGINEERING, AMRAVATI
Department of Computer Science and Engineering
CLASS TEST-II (Winter 2015) B. Tech. Second Year

Course: Computer Organization and Architecture Code: CSU302 Time: 1 hrs. Marks: 15 Date: 22/09/2014

Note: Each question carries 5 marks.

- Q1. A) Justify procedure for signed integer multiplication 3 Marks.
B) Show multiplication of following signed numbers: $7 * (-3)$ 2 Marks
- Q2. What are the major functions or requirements for an I/O module used while doing I/O operations?
OR
- Q2. Provide brief explanation over that how external device exchange data for processing with Respective I/O module. 5 Marks.
- Q3. A) Explain in Detail RAID 4 and RAID 6.....4 Marks
B) How many redundant disks will be in RAID-2 if total numbers of physical disk are 7. 1 Marks.