

**ISE II (SE- AIML)**  
**Computer Organization and Microprocessor**

**Date :23/03/2022**

**Time: 10:00 am to 11: 00 am**

**Instructions:**

1. Test begins at 10:00 am
2. Duration is 1 hr
3. You should end your ISE writing at 11:00 am
4. 5 minutes window timing is given for scanning answer sheets (preferably A4)
5. Upload your answer sheet in PDF named as **ISE\_Branch\_roll no\_Subject name**
6. Only pdf with above name format will be considered for evaluation
7. For question no 1 solve any 10 MCQs out of 12 carries 1 marks each.(Solve in Google form).
8. Solve any one from Q2a and Q2b carries 5 marks each(to be uploaded on GCR).
9. Solve any one from Q3a and Q3b carries 5 marks each(to be uploaded on GCR).
10. Figures to the right column indicate full marks.
11. Draw a neat diagram wherever necessary.

**Q1. Solve any 10 MCQs**

**10 Marks**

**Submit response for Objective Question paper in GCR.**

**Turn in for Objective Questions in GCR**

Q 2. A Draw flowchart of Booths algorithm for signed multiplication and solve  $-9 \times 5$ .

(5 marks)

OR

Q2. B Draw flowchart of restoring algorithm and solve  $9 / 4$ .

(5 marks)

Q3. A Illustrate Instruction cycle state diagram and explain it.

(5 marks)

OR

Q3. B Discuss Hardwired and micro programmed control unit in detail

(5 marks)