**Department of Electrical Engineering**

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| **Faculty Member:** | **Dated:** |
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| **Course/Section:** | **Semester:** |
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**Computer Organization and Assembly Language (CS235)**

**Lab #**

**Trainer Familiarization (part 1)**

**Grp no.**

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| **Name** | **Reg. no.** | **Report Marks / 10** | **Viva Marks / 5** | **Total/15** |
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Objective

Upon completion of this lab, you will be able to locate and describe the various components on your circuit board, and demonstrate basic trainer functions.

**Answer the following questions.**

Q1. What steps must you perform to start up the 32 bit microprocessor circuit board?

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Q2. What type of waveform is indicated by the logic probe LEDs?

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Q3. In which circuit block can you monitor the signal INTRA?

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Q4. When the CPU starts up in the run mode, can you read the address and data LEDs and explain the reason to your answer.

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Q5. Which circuit block synchronizes control signals between the CPU and support circuitry?

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