

## QE for Microprocessors – 2017

1. (10 points) Describe 5 different addressing modes with the proper examples.
2. (10 points) Explain three types of instructions.
3. (10 points) Explain the concept of interrupt vector table, and how the interrupt cases are managed by using this table.
4. (10 points) What is the direct memory access (DMA)? Provide an example that describes the advantages of DMA.
5. (10 points) Explain the differences between CISC and RISC in four different ways.