**SIES COLLEGE OF ARTS, SCIENCE & COMMERCE**

**PHYSICS DEPARTMENT**

**2017-2018**

**SYB.Sc Paper III Unit 2 (**8085 Microprocessor)

**WORKSHEET-V**

1. What is a microprocessor?
2. What are operations performed on data in 8085 microprocessor?
3. Which registers in 8085 microprocessor can be used in pairs?
4. Write a note on addressing modes available in 8085 microprocessor. Give at least 2 examples for each mode.
5. Explain LDA and STA instructions.
6. Explain the different instruction formats (i.e. width of the instruction) with examples.
7. What is an instruction? How many parts does an instruction have? Which are they? Explain with an example.
8. Describe various buses in 8085microprocessor. Draw the bus architecture.
9. List some of the applications of microprocessor.
10. Explain ADD H and DAD instructions.

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