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

**PHYSICS DEPARTMENT**

**2017-2018**

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

**WORKSHEET-IV**

**I. What is the output of the following programs written for 8085 microprocessor? Write comments too.**

1.     MVI A, 25H

         MOV B, A

         MOV H, A

         HLT

2. MVI B,27H

    MVI C,F9H

    MOV A,C

     ADD B

     STA D400H

      HLT

3.   MVI  B, 0AH

      MVI A, 00H

Next: ADD B

            DCR B

            JNZ   Next

            STA C550H

            HLT

4.  MVI C, 7FH

     MOV A, C

     RRC

     RRC

     RRC

     RRC

     MOV D, A

     HLT

**II. Answer the following questions:**

1. Distinguish between high level and low level language.

2. What are the features of 8085 microprocessor?

3. What is a bus? How many buses are available in 8085 microprocessor? Write about any one   
 bus.

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