



**ADITYA DEGREE COLLEGES**  
**ANDHRA PRADESH**

**II SEMESTER - MID -1 EXAMINATIONS**

**I – B.Sc CS MINOR**

**Date:**

**FOUNDATIONS OF COMPUTING  
INFRASTRUCTURE AND NETWORKING**

**Max. Marks : 60  
Time :2 Hr**

**SECTION – A**

**I. Answer any FIVE of the following:**

**5 x 4 = 20 M**

1. Define Processor and its Functions.
2. Write about ALU.
3. Explain the types of Memories.
4. Write about Cache Memory?
5. Explain about Jumper settings.
6. Write about Hardware Specifications.
7. Write about Tracks and Sectors.
8. Write about Cylinders and Clusters.

**SECTION – B**

**II. Answer all the following questions:**

**4 x 10 = 40 M**

9. a) Explain the Architecture of a Computer.  
(or)  
b) Explain about Memories.
10. a) Explain the types of Processors.  
(or)  
b) What is RAM? Write the differences between Static and Dynamic RAM.
11. a) Explain about Secondary Storage Devices.  
(or)  
b) Explain about CMOS settings.
12. a) Explain about RAID.  
(or)  
b) Explain about Input/output Devices.

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