

Total No. of printed pages = 2

Co-305/CA&O/3rd Sem/2013/N

**COMPUTER ARCHITECTURE
AND ORGANIZATION**

Full Marks – 70

Pass Marks – 28

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer question No. 1 and any *four* from the rest.

1. Write short notes on : 2×5=10
 - (i) Program Counter
 - (ii) Plotter
 - (iii) Register
 - (iv) BCD
 - (v) Plotter.

2. Draw the block diagram of a microprocessor and explain in details. 15

3. What are the different types of statements in an assembly language ? Explain. 15

[Turn over

4. What is impact and non-impact printer ? Explain in details about the matrix printer and line printer. 15
5. State the differences of Hardwired and Micro-programmed control unit design and explain in details about Hardwired control unit design with diagrams. 15
6. State in detail about the Hard Disk and the Floppy Disk. 15
7. Draw the block diagram of a computer and explain the different units. 15