



BCA I

Computer Organization

Examination-2016

Model Paper 1

Time: 3hrs

M.M:100

I) Very Short Answer Questions

2*10=20

- Q1. Write the different properties of auxiliary storage?
- Q2. Mention the different phases of Von-Neumann Architecture Machine?
- Q3. Define System Clock Speed?
- Q4. Write the difference between CRT and LCD?
- Q5. What are the types different types of memory?
- Q6. Define cache and virtual memory?
- Q7. Explain in brief "DMA"?
- Q8. What is Instruction and Execution Cycle?
- Q9. What is IC?
- Q10. What is PC relative addressing?

II) Short Answer Questions (each carry 4 marks)

4*5=20

- Q1. What is Network adapter Card? Define in brief.
- Q2. Short note on SRAM and DRAM.
- Q3. Explain in brief:
 - a) Address bus
 - b) Main Memory
 - c) Cache Memory
- Q4. Differentiate between RISC and CISC?
- Q5. What do you mean by Motherboard? Explain its characteristics with 810 chipset.

III) Long Answer Questions (any five each carry 12 marks)

12*5=60

- Q1. Explain generations of computers with Characteristics.
- Q2. What is cache memory? Why is it called high speed memory? Explain cache hit and mis
- Q3. Draw a block diagram to illustrate the basic organization of a computer system and explain the function of the logic units.
- Q4. Explain the concept of input-output interfacing and I/O processor.
- Q5. What do you mean by addressing techniques? Explain indirect and indexed addressing techniques in detail.