



BCA I

Computer Organization

Examination-2016

Model Paper II

Time: 3 hrs

M.M:100

I) Very Short Answer Questions

2*10=20

- Q1. What do you mean by System Clock?
- Q2. Write the different types of cables?
- Q3. Comparison between Restoring and Non-Restoring Division Algorithm?
- Q4. Explain the Primary and Secondary memory.
- Q5. Define Instruction cycle?
- Q6. What do understand by Register Transfer Languages?
- Q7. Define Non Volatile SRAM and Asynchronous SRAM?
- Q8. Is Flash memory is non volatile memory explain in brief?
- Q9. What is interfacing Keyboard? Define it?
- Q10. What do you mean by Printer? Write the different types of printers.

II) Short Answer Questions (each carrying 4 marks)

4*5=20

- Q1. Differentiate between Random and Sequential Access?
- Q2. Explain in brief "formatting"?
- Q3. Explain the execution cycle within CPU?
- Q4. What are the features of Pentium Processor?
- Q5. Differentiate between Microprocessor and microcontroller?

III) Long Answer Questions

12*5=60

- Q1. Explain the concept of optical disk, magnetic tape and modem?
- Q2. Explain Primary and secondary memory?
- Q3. What is memory interface and memory organization? Explain in brief.
- Q4. List and describe different registers for the basic computer. Also describe the common bus system for a basic computer.
- Q5. Explain in detail 8085 microprocessor?

