

APRIL-2015
B.C.A. SEM-2 Examination

Fundamental of Computer Organization: Paper No: 104

Time: 2 Hours

Marks: 70

Code : 2561

Que: 1[A] What is computer? Explain block diagram of computer in detail. [7]

Que: 1[B] Write a short note on input devices. [7]

OR

Que: 1[A] Give difference between impact printer and non-impact printer. [7]

Que: 1[B] list out storage devices? Explain any two in detail. [7]

Que: 2[A] Convert following into decimal [7]

$(E23CA)_{16}$

$(10001011)_2$

Que: 2[B] Write a short note on different character codes. [7]

OR

Que: 2[A] write a note on: Error detection and correction code. [7]

Que: 2[B] How to convert a decimal number into octal? Explain with example [7]

Que: 3[A] What is Memory? Explain different types of RAM and ROM. [7]

Que: 3[B] Write a short note on: Memory hierarchical structure. [7]

OR

Que: 3[A] What is difference between Cache memory and Virtual Memory. [7]

Que: 3[B] What is Bus? Explain different types of Bus in brief. [7]

Que: 4[A] Write a note on: CPU Organization. [7]

Que: 4[B] What is instruction? Explain Parallel instruction execution. [7]

OR

Que: 4[A] What are the difference between RISC and CISC. [7]

Que: 4[B] Explain processor Level Parallelism. [7]

Que: 5[A] Explain different types of instruction with example. [7]

Que: 5[B] write a short note on: Instruction format [7]

OR

Que: 5[A] Explain different types of operands. [7]

Que: 5[B] write a short note on: Flow of control. [7]