

(5) Seat No.: _____

No of Printed Pages :1

SARDAR PATEL UNIVERSITY
FYBBA-ITM First Semester EXAMINATION CBCS (4 Years)
June 2011 Batch onwards (NC)
15/3/2017 (Wednesday)
Computer Organization (UM01CBB103)

Time: 2.00 pm – 4.00 pm

Total Marks: 60

- Q.1**
(A) Write a short note EBCDIC Code. [7]
(B) Explain Octal to Decimal conversion by taking appropriate example. [8]
OR
- Q.1**
(A) What is Hamming distance? Generate Hamming Code for the character "B" by using odd parity bit method. [7]
(B) Explain Integer Storage representation method by taking appropriate example. [8]
- Q.2**
(A) Explain Pipeline Machines and Array Processor. [7]
(B) Write a short note on Immediate addressing and Direct Addressing. [8]
OR
- Q.2**
(A) Explain Data Path of typical von- Neumann machine. [7]
(B) Explain Indirect addressing and Register Addressing. [8]
- Q.3**
(A) Write a short note on RAM and ROM. [7]
(B) Write a short note on Hard Disk. [8]
OR
- Q.3**
(A) Write a short note on VDU. [7]
(B) Write a short note on Ink Jet Printer. [8]
- Q.4**
(A) List and Explain the Instruction set in SAP-1 Architecture. [7]
(B) Draw the diagram of SAP-1 Architecture. Explain Program Counter and Instruction Register. [8]
OR
- Q.4**
(A) Explain Execution cycle for LDA routine. [7]
(B) Draw the diagram of SAP-1 Architecture. Write a short note on Fetch Cycle. [8]

*****All the Best*****

— X —
 (1)