

(12 & A-7) Seat No.: _____

No of Printed Pages :1

SARDAR PATEL UNIVERSITY
FYBBA-ITM First Semester EXAMINATION CBCS
June 2011 Batch onwards (4 years)
19/11/2016 (Saturday)
Computer Organization (UM01CBB103)

Time: 10.00 am – 12.00 pm

Total Marks: 60

Q.1

- (A) What is character code? Write a short note on ASCII code. [7]
(B) Explain Hexadecimal 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 even parity bit method. [7]
(B) Explain Single Precision Storage representation method by taking appropriate example. [8]

Q.2

- (A) Explain Pipeline Machines and Array Processor. [7]
(B) Write a short note on Stack Addressing. [8]

OR

Q.2

- (A) Explain Data Path of typical von- Neumann machine. [7]
(B) Explain Indirect addressing and Direct Addressing. [8]

Q.3

- (A) Write a short note on KEYBOARD and MOUSE. [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 Laser Printer. [8]

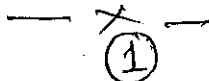
Q.4

- (A) Explain Execution cycle for LDA routine. [7]
(B) Draw the diagram of SAP-1 Architecture. Explain Program Counter and Instruction Register. [8]

OR

Q.4

- (A) List and Explain the Instruction set in SAP-1 Architecture. [7]
(B) Draw the diagram of SAP-1 Architecture. Write a short note on Fetch Cycle. [8]



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