

http://www.Angzmath.com - BCA Syllabus, Question Paper, Programs  
First Year B. C. A. (Sem. I) Examination

March / April - 2004

Computer Organization (103)

Time : 3 Hours]

[Total Marks : 70

- Instructions : (1) Figures to the right indicate full marks  
(2) Draw figures wherever necessary

1 Answer the following questions :

12

- (1) What is the concept of POST ?
- (2) What is the function of ISP ?
- (3) How many address locations are addressed by CPU with 16 address lines ?
- (4) Explain bit, byte and nibble.
- (5) What do you mean by language translator ?
- (6) What is MOS ?
- (7) What do you mean by co-processor ?
- (8) What is FAT ?
- (9) What is BIOS ?
- (10) What is parity ? Explain odd parity with example.
- (11) Describe term RAM.
- (12) What is bandwidth ?

2 (a) Explain functional units of computer in detail. Also draw the block diagram. 8

(b) Explain any one input device in detail. 6

(c) Define term OS. Explain various functions of it. 6

OR

2 (a) Explain the architecture of 8088 microprocessor. 8

(b) Write a note on history of computers. 6

(c) Explain primary storage of computer. 6

MC-493]

1

[Contd....

- 3 (a) Differentiate between expanded and extended memory. 4 FRIENDLY
- (b) Write a note on Compiler and Interpreter. 5
- (c) Write a note on optical device. 5

OR

- 3 (a) Explain virtual memory in detail. 4
- (b) Write a note on floppy disk drive. 5
- (c) Explain advantages, disadvantages of using magnetic tape. What is the use of it? 5

- 4 Explain in detail : (any two) 8
- (1) What is MAR, MDR? Describe in detail.
- (2) What is HLL and LLL? Explain in brief.
- (3) Explain VDU in detail.

- 5 (a) What is Domain Name? What is the use of Domain name and IP address? 4
- (b) Give applications of Internet. 6
- (c) Define terms HTTP, HTML, WWW, IRC. 6

OR

- 5 (a) What do you mean by URL? What does it contain? 2
- (b) What is FTP, Telnet, FAQ, LAN? 6
- (c) What do you mean by protocol? Explain any three in detail except HTTP, FTP. 6
- (d) What is browser? Give some of the names of it. 2