

First Year B. C. A. (Sem. 1) Examination  
March / April - 2005  
Computer Organization

Time : 3 Hours]

[Total Marks : 70

Instructions :

नीचे दशदिश विषयों के उत्तर देना। Mention below given details in Answer Book

Name of the Examination :  
First Year B.C.A. (Sem. 1)

Name of the Subject :  
COMP. ORG.

Subject Code No. : 0 5 9 8 Section No. (1, 2): Nil

Seat No. :  
[ ] [ ] [ ] [ ] [ ] [ ]

Student's Signature

- (2) All questions are compulsory.
- (3) Figures on the right indicates full marks.
- (4) Draw figures wherever necessary.

Answer the following questions in short (each twelve) 12

- (1) What do you mean by firmware ?
- (2) What is the difference between 3rd Generation and 4th Generation of Computers ?
- (3) What is HLL ? Give names of HLL.
- (4) Define term interpreter.
- (5) Give names of different OS.
- (6) What is the function of CPU ?
- (7) What is on EPROM ?
- (8) What is the importance of boot record ?
- (9) Define term access time.
- (10) What is source program, object programme.
- (11) What is FAT ?
- (12) Differentiate between Tel net and usenet ?
- (13) Define protocol ? List out mail protocols.

- 2 Answer in detail :
- (a) Write a note on generation of computers. 8
  - (b) Write a note on OS. 6

OR

- 2 Answer in detail :
- (a) Classify computers according to their size, speed. 8
  - (b) Write a note on different types of bus. 6

- 3 Attempt any two :
- (a) List out characteristics of non-impact printers. Explain working of laser printer. 14
  - (b) Explain VDU in detail.
  - (c) Explain virtual, cache, expanded, extended memory.

- 4 (a) Write a note on DOS disk architecture. 7
- (b) What do you mean by addressing mode ? Explain different types of addressing modes. 7
- (c) What is the difference between primary memory and secondary memory. 2

OR

- 4 (a) Explain any one secondary storage device. 7
- (b) Explain modem as a data converter. 7
- (c) Differentiate between MAR, MDR ? 2

- 5 (a) What is WWW ? How it works ? 6
- (b) What is IRC ? Explain how chatting is possible on the internet. 5
- (c) Differentiate between E-mail and simple mail services. 3

OR

- 5 (a) What is FTP ? How it works ? 6
- (b) Explain the relationship between DNS and IP address. 5
- (c) How would you attach a file with a mail message ? 3