



0397

First Year BCA (Ist Sem)

October / November – 2005

Computer Organization

Time : Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृशविक निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Seat No.:

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Name of the Examination :
B. C. A. - 1

Name of the Subject :
Computer Organization

Subject Code No. : 0 3 9 7 Section No. (1, 2.....): Nil

Student's Signature

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

1 Answer the following questions : (Attempt any twelve) 12

- (1) Define term hardware.
- (2) What is data bus, address bus ?
- (3) What is the function of CPU ?
- (4) What is an application software ?
- (5) What is the difference between RAM and ROM ?
- (6) Define term bandwidth.
- (7) What do you mean by protocol ?
- (8) How many registers can 16-bit address bus address ?
- (9) Define term DNS.
- (10) Give names of different browsers.
- (11) Give full form of CD-ROM.
- (12) What is an access time ?
- (13) What does translator do ?

2 (a) Define term OS. Explain functions of it. Give names of different OS. 6

(b) Explain CD-ROM drive in detail. 6

- (e) Write a note on magnetic disk. How does it differ from magnetic tape ? 8
- OR
- 2 (a) Differentiate between : 6
- (1) PROM EPROM
 - (2) Extended Memory Expanded Memory
- (b) Write a note on HLL, LLL. What are the advantages of machine language ? 6
- (c) Explain functional units of computer with block diagram. 8
- 3 (a) What are the types of printers ? Explain any one in detail. 6
- (b) Write a short note on mouse. 6
- OR
- (a) Explain Mini Computer, Micro Computer, Super Computer. 6
- (b) Explain the working of monitor. 6
- 4 Attempt any three : 12
- (1) Fourth generation computers.
 - (2) What is the function of modem ? What are the different types ?
 - (3) Define compiler and interpreter. What are the differences between them ?
 - (4) Explain addressing modes with examples.
- 5 (a) What is search engine ? What is the function of it ? Give names of it. 5
- (b) What is URL ? Explain parts of it. 4
- (c) Explain TCP/IP, HTTP, IMAP protocols. 5
- OR
- 5 (a) Explain any two electronic mail transfer protocols. 5
- (b) What is WWW ? Differentiate between HTML and DHTML. 4
- (c) What is Web Site, Web Page ? How web pages are displayed ? 5