



RR-0608

First Year B. Sc. Examination

March / April – 2010

Computer Science : Paper - I

(Fundamental of Computer Architecture, Database & Web-Page Designing)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

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

Name of the Examination :
F. Y. B. Sc.

Name of the Subject :
Computer Science - 1

Subject Code No. : 0 6 0 8 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

(2) Attempt all questions.

(3) Figures to the right indicate full marks.

1 Answer in short : (any seven) 14

- (i) Define the term computer and software.
- (ii) Which protocol are used in internet?
- (iii) What is home page? Which tag is used to connect two web pages?
- (iv) Write full form of BIOS and EPROM.
- (v) Explain tag with example.
- (vi) Explain different part of IP address.
- (vii) What are the differences between primary key and foreign key?
- (viii) $(51)_{16} = [\text{_____}]_2 = [\text{_____}]_8$
- (ix) Explain <IMAGE> tag with example.

- 2 (a) What is memory? Write notes on types of memory. 5
 (b) What is the use of MD, CD and RD command in DOS? Discuss CD command with all possible option. 5
 (c) Write notes on different types of number system. 4

OR

- 2 (a) Draw architecture of computer system. Explain function of each component. 5
 (b) Explain DIR command with all possible option. What is the equivalent UNIX command for DIR command? 5
 (c) Perform following conversion. 4
 (i) $(721)_8 = (\text{_____})_2$
 (ii) $(10101011)_2 = (\text{_____})_{16}$
 (iii) $(DF2)_{16} = (\text{_____})_8$
 (iv) $(101111001)_2 = (\text{_____})_8$

- 3 (a) What is web browser? Explain any **one** web browser in detail. 5
 (b) What is IP address? Explain the term domain name and URL with example. 5
 (c) Write notes on different type of protocol used with internet. 4

OR

- 3 (a) Write notes on topologies of network. 5
 (b) What is E-mail? Write steps to create new E-mail ID. Also explain how to access mail box. 5
 (c) Write notes on Telnet. 4
- 4 (a) What is HTML? What are the structure of HTML program? Explain various formatting tag with example. 5
 (b) Explain <FRAMESET> and <FRAME> tag with all possible attributes. 5
 (c) Explain how radio button and checkbox are used with HTML form. 4

OR

- 4 (a) What is the use of anchor tag? Explain how to establish link on different part of same page? 5
- (b) What is the use of <form> tag? Write HTML code to display your college admission form using different form tag. 4
- (c) Explain ordered list with example. 2
- 5 (a) What is data type? Write notes on data types available in MS Access. 6
- (b) Attempt any **two** : 8
- (i) What is query? Explain parameterized query with example.
- (ii) Explain different ways of create a report in MS-Access.
- (iii) Write steps to create a fom using form wizard.
