



SB-0608

First Year B. Sc. Examination

March / April – 2011

Computer Science : Paper - I

(Fundamentals of Computer Architecture, Databases & Web-Page Designing)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

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

Name of the Examination :

Name of the Subject :

Subject Code No. : Section No. (1, 2,.....):

Seat No. :

Student's Signature

- (2) Q.1 is compulsory.
- (3) All questions carry equal marks.

- 1 Answer the following questions in brief : 14
- (a) Explain full duplex modem.
 - (b) What is "www"?
 - (c) What is internet Relay chat (IRC) ?
 - (d) What is file Allocation table?
 - (e) What is an absolute pathname?
 - (f) What is the most common use of <address> tag?
 - (g) What is database?
- 2 (a) Convert following : 8
- (i) $(1010110011)_2 = ()_8$
 - (ii) $(179)_{16} = ()_8$
 - (iii) $(2011)_{10} = ()_8$
 - (iv) $(1234)_8 = ()_2$
- (b) Explain any two display devices. 6

OR

- 2 (a) Explain any three I/O devices. 8
- (b) Describe the generation of the computer. 6

SB-0608]

1

[Contd...

- 3 (a) What is an operating system? Explain the different types of operating system with examples. 8
(b) Explain working of E-mail. 6

OR

- 3 (a) Explain booting process of operating system. 8
(b) Explain : 6
(i) ISP
(ii) IP address.

- 4 (a) Explain the structure of HTML. Discuss five tags used for formatting page. 7
(b) Write HTML tags to display following : 7
(i) $(A+B)^3 = A^3+B^3 + 3AB(A+B)$
(ii) $H_2SO_4 =$ Sulfuric acid.

OR

- 4 (a) Explain different types of tags used in HTML structure. 7
(b) Explain how drop-down list and radio button are used in HTML form with example. 7

- 5 (a) Explain different ways to create table in Ms-Access. 7
(b) Why database is needed? Explain in detail about physical and logical database. 7

OR

- 5 (a) Write five different types of "Aggregate" functions. 7
(b) Write steps to create report using Report wizard. 7