



SD-1470

Second Year B.C.A. (Sem. IV) Examination

April / May - 2011

Practical - 406

(New & Old Course)

Time : Hours]

[Total Marks : 140

Instruction :

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

Seat No. :

Name of the Examination :

Name of the Subject :

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

Student's Signature

- 1 Create an application which maintain information about the score of students of BCA studying in 1st to 6th sem. Design appropriate database and store information using GUI forms. List out name of topper from each semester and search top three students based on selected semester. Also display names of failures. Provide insert, update, delete and search facility. 40
- 2 Create webpage for ice-creame parlour and various products provided by the parlour. The website provide facility to accept orders online. It check validity of product (must be available in list). Total order quantity must be greater than zero. Calculate total bill rate and tax (10% of total amount). Calculate bill amount. 40
- 3 *Only for new course*
 - (a) Write a java code (application or applet) which display current time and date. Use thread class to execute the code. 25
 - (b) Write java application which accept a string and display the string in reverse order by interchanging its odd positioned characters with even positioned characters. 15

- 3** *For old course students only.* **40**
Create a database by designing appropriate tables and normalizing it. Create tables which store information regarding various ice-creams products and sales informations. Solve following queries :
- (a) Display flavor of ice-creame which is sold maximum times.
 - (b) Calculate total sales of ice-cream on current date.
 - (c) Display bottom three ice-creams which are sold least.
 - (d) Display total collection of sales for last month.
- 4** Viva. **10**
- 5** File. **10**