



SD-1472
Second Year B.C.A. (Sem. IV) Examination
April / May - 2011
Practical - 406
(New & Old Course)

Time : Hours]

[Total Marks : 140

Instruction :

<p>नीचे दृशविक निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : <input style="width: 90%;" type="text" value="S.Y. B.C.A. (Sem. 4)"/></p> <p>Name of the Subject : <input style="width: 90%;" type="text" value="Practical - 406"/></p> <p>Subject Code No. : <input style="width: 20px;" type="text" value="1"/> <input style="width: 20px;" type="text" value="4"/> <input style="width: 20px;" type="text" value="7"/> <input style="width: 20px;" type="text" value="2"/> Section No. (1, 2,.....) : <input style="width: 40px;" type="text" value="Nil"/></p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table><div style="border: 1px solid black; border-radius: 15px; width: 100%; height: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center;">Student's Signature</div></p>						

- 1** Create a database, which maintain student information. **40**
The database must contain personal information regarding students and their academic information. Design GUI forms which provide facility of insert, update, delete, navigation of records and search specific records based on city and name.
- 2** Create webpages for placement agency. This website **40**
accepts biodata of clients, including personal details and educational qualification. Also provide appropriate constraints to check that the email address and phone numbers are valid. Name, address and educational qualification fields are compulsory. Provide appropriate webpage design including required images.
- 3** *Only for new course students* **40**

 - (a) Write a javacode which accept start and end **25**
alphabates in sequance from start position till end position providing one second intervals using thread.
 - (b) Create on applet which display name of your city **15**
within a triangle which is inside a circle and vertices of triangles are on the circumference of the circle. Provide separate colors to the triangle and circle.

- 3** *Only for old course students.* **40**
- Create appropriate tables and normalize them to solve given queries :
- Store personal and marks related informations for students of BCA.
- Solve following queries :
- (a) Name all students who born in the month of June and July.
 - (b) Name the student who got highest in Paper-3.
 - (c) Name the student who is eldest among all.
 - (d) Name bottom five students who scored lowest.
- 4** Viva. **10**
- 5** File. **10**
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