



UA-3736
Second Year B.C.A. (Sem. III) Examination
March / April – 2012
306 - Practical

Time : Hours]

[Total Marks :

Instruction :

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Second Year B.C.A. (Sem. 3)</p> <p>Name of the Subject : 306 - Practical</p> <p>Subject Code No. : 3 7 3 6 Section No. (1, 2,.....) : NIL</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- 1 (a) Practical Journal 5
(b) Viva 15

- 2 Write a menu driven program to 35
 - Create class Bill containing member variables like billno, bill_date, and amount.
 - Overload + and - operator for increasing and decreasing bill amount respectively.
 - Provide facility to change bill_date.
 - Save data into file.
 - Retrieve data from file.
 - Perform appropriate validation.

- 3 Write a menu driven program to insert data into circular link-list. If circular link-list contain more than 10 nodes, consider it as overflow and delete the first node before inserting new node. 45

- 4 Create following tables : 40

Train (train_no, train_name, source_station_code, destination_station_code)
Station (station_code, station_name)
Schedule (train_no, station_code, arrival_time, departure_time)

In above tables, source_station_code and destination_ station_code refer to station_code.

Create above tables and add appropriate records. If the train doesn't stop at any station, the arrival and departure time is null. The arrival time of train is null for source station and departure time is null for destination station.

- (a) Create a procedure which display names of stations where, maximum numbers of trains stops.
- (b) Create a trigger which remove the records from related tables when any train is removed from the train table.
