



D-3723
B. C. A. (Sem. II) (CBCS) Examination
April / May - 2016
Practical - 206

Time : Hours]

[Total Marks : 140

Instructions :

(1)

<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 : B. C. A. (SEM. 2) (CBCS)</p> <p>Name of the Subject : PRACTICAL - 206</p> <p>Subject Code No. : 3 7 2 3 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; height: 60px; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>
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- (2) Write to the point.
(3) Provide examples and diagrams wherever appropriate / necessary.
(4) Figures to the right indicate full marks to the question.

1 (a) Write a C program to input line display line in toggle case : 30

Line : India is Great.

Output : iNDIA IS gREAT

(b) Create a structure called Student with following fields. 30

Student id, Name, m1, m2, m3.

Insert students, Display all students who pass in all subject (Minimum passing mark 40).

Input :

1	Mansi Modi	45	60	80
2	Chirag Patel	32	55	66
3	Chandni Desai	70	55	78
4	Ayushi Tailor	39	77	71

Output :

1 Mansi Modi
3 Chandni Desai

- 2 (a) Create following tables and apply appropriate constraints and insert records : **20**

Account–Master (Act_No, Cust_Name, Address, Act_Type, Open_Date, Balance)

Account Transaction(Trans_Id, Trans_Type, Trans–date, Act_No, Trans_Amt)

Constraints :

Primary key and foreign key must be declared at table level only. Act_Type must be 'Savings' or 'Current'

Trans_Type must be 'Deposit' or "Withdrawal'

- (b) Solve the following Queries : **40**

- (1) Display Customers who opened account in January 2013.
- (2) Display Customers who are having account in the bank for about more than 20 years.
- (3) Display Customer with maximum no. of transactions in Savings account.
- (4) Display only Withdrawal transactions for the month of Dec 2014 of Customer having Current account.
- (5) Debit 2000 from the customer account who has not done any transactions since 3 years.
- (6) Display total no. of Savings and Current accounts.
- (7) Find Customer who deposited Maximum Total Amount in Savings Account.
- (8) Find Customer with lowest balance in Current account.
- (9) Display Transaction details of Customer that have done transactions between 1st Nov 2014 and 25th Dec 2014.
- (10) Raise the balance of all customers by 2% of customers who opened account in January 2015.

- 3 Vi-Va + Files. **20**