



AB-3730

B. C. A. (Sem. II) (CBCS) Examination

April/May – 2015

206 : Practical (Old Course)

Time : Hours]

[Total Marks : 140

Instruction :

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

Name of the Examination :
B. C. A. (SEM. II) (CBCS)

Name of the Subject :
206 : PRACTICAL (OLD)

Subject Code No. : 3 7 3 0 Section No. (1, 2,.....): Nil

Seat No. : [][][][][][][]

Student's Signature

- (2) Write comments in the programme wherever necessary.
- (3) Follow all the instructions given by examiners during Exam.

Q.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

Q.2 [a] Create following tables and apply appropriate constraints and insert at least 5 records in each table. [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 using above tables.

[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 Customers 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.

Q:-3 viva+journal

[20]
