



UA-3723

First Year B. C. A. (Sem. II) Examination

April/May - 2012

Practicals : Paper - 206

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

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

Name of the Examination :
F. Y. B. C. A. (SEM. 2)

Name of the Subject :
PRACTICALS : PAPER - 206

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

Seat No. :

Student's Signature

(2) Figures on the right indicate marks.

1 Write a c program to print the following pattern. 25

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      A
    B A B
  C B A B C
D C B A B C D
E D C B A B C D E

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2 Write a C program to read a sentence (containing blank spaces) and display it in toggle case (lower to upper and vice-versa) 25

3 Create the following tables 50

Book_mast (book_no, book_name, author, publisher, no_of_copy)
Stud_mast(lib_no, stud_name, book_no, no_of_copy)
Transaction (trans_no,trans_type, lib_no, book_no, no_of_copy, trans_date)

Give transction type = "I" for Issue and "R" for return

(A) Apply following constraints and add at least 10 records

- (1) Apply the primary key where it is necessary
- (2) Apply foreign key

(B) Do as directed :

- (1) Display all student name who have more than two books.
- (2) Display all books whose publisher is "Pearson Education".
- (3) Display all students who have "MATHEMATICS" book.
- (4) Delete records from stud_mast for all students who have "ORACLE" book.

- (5) Change transaction type to "R" (Return) for all transaction whose transaction type is "I" (Issue) and book_name = "Let US C"
- (6) Display all student name who get book publisher "BPB"
- (7) Display the name of book which are issued maximum time.
- (8) Display the name of all book issued to student "Raj Kumar".
- (9) Display how many books are available for issue, which title is 'C++'.
- (10) Display all books with no of copies.
- (11) Display all book name which are reissued on '10/2/2012'

- 4 Ashish Parikh started business as Parikh Traders from 01-03-2011. The following were the transactions for the month of March, 2011. 20

Name: Parikh & Sons
 Address: B/57, Laxminarayn Nagar, Shaktinath, Bharuch.
 Mailing Address: As Above
 E-mail id: ABC@yahoo.com
 Phone no: 02642-222222
 F.Y. : 2011-12
 Inventory : With Inventory

Show cash ledger, daily break up of cash ledger and Trial Balance from the following transactions
 2011 March

1. cash in hand Rs 4000
2. cash of Rs 3000 brought in the business, as more funds are required in the business
3. goods of Rs 2000 sold to vivek for cash
4. goods of Rs 2500 purchased from samrat for cash
5. Rs 600 paid for school fees of the daughter.
6. salary Rs 400 and freight Rs 100 paid
7. Rs 3000 paid to madhusadan towards an old account
8. cash of Rs 1500 received from pinakin towards sales made in the last month
9. Rs 1000 received towards commission and Rs 600 paid towards brokerage
10. machines purchased for the business Rs 1400
11. As more funds are required in the business Rs 6000 borrowed as loan bearing 10% rate of interest from Alok
12. Furniture of Rs 3900 purchased for cash

- 5 Journal and Viva 20