



SD-1430

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 0 Section No. (1, 2,.....) : NIL

Seat No. :

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Student's Signature

(2) Figure on the right indicate marks.

1 Write a C program to print following for n lines : [25]

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*****
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2 Define structure employee with emp_code, name, dept, salary. Write a program in 'C' to read 10 records and print department wise employee information in proper format. [25]

3 Create following tables with appropriate constraint [40]

Employee(empid, empname, city, salary)

Dependent(empid, dependantname, relation)

Position(empid, designation,date)

- (i) insert atleast 10 records
- (ii) list the employees long with their dependant and relation
- (iii) list the employees who are from "Baroda" or "Anand"
- (iv) count no of dependant of Mr Dharmesh Desai
- (v) list various designation in the company
- (vi) list the employee who have joined in current month
- (vii) count the employee who have manager as designation and have joined in current month

4 Prepare final account from the following informations: [30]

Opening stock	20000	Sales	100000
Purchase	25000	Purchase return	2000
Wages	10000	Bad debt reserve	1000
Carriage Inward	5000	Commission (Cr)	6000
Repairs	2000	6% Loan from Jagin	10000
Sales Return	3000	Capital	60000
Bad Debts	2000	Creditors	30000
Advertisement	3000	Bank Interest	1000
Salaries	10000	Machinery	15000
Building	25000	Debtors	40000
Furniture	10000	Traveling Expenses	5000
Bank Balance	5000	Drawings	10000
Cash	3000	Insurance	3000
		Motor Car	4000

5 Viva + Journal. [20]



SD-1431

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instruction :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="FIRST YEAR B. C. A. (SEM. 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="206 - PRACTICAL"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="3"/> <input type="text" value="1"/>	Section No. (1, 2,.....) : <input type="text" value="NIL"/>
Student's Signature	

(2) Figure on the right indicate marks.

1 Write a C program to print a Fibonacci Series. [25]

Hint: in which the next numbers is obtained by adding the previous 2 numbers. The few numbers are as follows.

1,1,2,3,5,8,13,21,.....

2 Write a program to do following on a given string. [25]

Input : Patel Shiv Kumar

Output: Patel
Shiv
Kumar

3 Create following tables with appropriate constraint [40]

Studentmast(studno,studname,ccode, studcity, studage)

Feemaster(studno, fee, amtpd)

Coursemst(ccode, cname)

(i) Add at least 10 records

(ii) Display all the student with same course code and course name

(iii) Display the name of student living in "Ahmedabad"

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1

[Contd...

- (iv) Count the number of student who have not paid the fees
- (v) Find out total amount of fees collected from the student whose course is “BBA”
- (vi) List the the name of student who are in same course and same city
- (vii) List the students name whose age is less than 19

List the detail of student whose course is “BCA”

- 4 From the following balances of accounts, prepare trial balance as on [30] 31-3-2010. Use suspense account if needed :

Name of Account	Balance (Rs.)	Name of Account	Balance (Rs.)
Building	25000	Purchases	90000
Creditors	65000	Cash and Bank	8990
		Balance	
Opening Stock	40000	Machinery	25000
Furniture	8000	Purchase returns	8000
Depreciation on Furniture	400	Sales returns	10000
Debtors	75500	Wages	10000
Sales	156000	Outstanding wages	1000
Bad debts reserve	2000	Salary	10500
Discount received	1500	Office exp.	8000
12% taken on loan	5000	Discount allowed	3050
Bills receivable	20000	Bills payable	5000

- 5 Viva + Journal.

[20]



SD-1432

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कर्षवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 2 Section No. (1, 2,.....) : NIL

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

Student's Signature

(2) Figure on the right indicate marks.

- 1 Write a C program to check whether the given number is prime or not. [25]
- 2 Write a C program to input a string and extract a portion of it from m character starting from nth position. [25]
- 3 Create following tables with appropriate constraint [40]

Deptmaster(deptno,deptname)

Empmaster(empno, fname,lname, managerno, deptno, salary, city, dob, address)

Note : manager is also one of the employee

- (i) insert atleast 10 record
- (ii) display name of the employees who are from "Valsad"
- (iii) change the size of address field to 25
- (iv) list the employee name whose birthday is in current month
- (v) display the deptname who have no employee
- (vi) increase the salary of the employee whose salary is less than 6000
- (vii) list the all employees departmentwise
- (viii) how many employees are there in purchase department

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[Contd...

- 4 Prepare annual account of Dharmesh and Co. using following opening [30]
balance and transaction for the month August, 2005:

Opening Balance:

Cash a/c	50,000
Dharmesh's capital's a/c	1,00,000
Bank of Baroda a/c	30,000
Furniture a/c	25,000
Debtors a/c	10,000
Creditors a/c	15,000

Aug. 1 Goods sold to Chandani Worth Rs. 25,000 @ 10% trade discount by cash.

Aug. 5 Received commission Rs. 2,000 and paid carriage inward Rs. 1,000.

Aug. 7 Bought goods from Abhishek Traders Rs. 9,500.

Aug. 8 Received an order for supplying goods from Niraj Sharma Rs. 10,000.

Aug. 11 Paid Insurance Premium for the shop by cheque Rs. 850.

Aug. 15 Goods sold to Neha Rs. 550.

Aug. 28 Sent goods to Niraj Sharma as per his order @ 10% trade discount.

- 5 Viva + Journal.

[20]



SD-1433

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 3 Section No. (1, 2,.....) : NIL

Seat No. :

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Student's Signature

(2) Figure on the right indicate marks.

- 1 Write a program to calculate Sum of digits of Integer Number. [25]
(ex : 123 = 1+2+3 = 6)
- 2 Write a C program to read a statement and count the number of lines, words and characters. [25]
- 3 Create the following table with appropriate constraint [40]
Employee(e_no, e_name, street, city)
Work (e_no, companyname, designation, salary)
Company (companyname , companycity)
 - (i) Insert the records
 - (ii) Display employee name, company name, designation and salary
 - (iii) Display all employee information whose designation is "officer"
 - (iv) Display all employees information whose salary is higher than 'manager' salary and whose company name is "ABC Bearing Ltd"
 - (v) List all employees who are working in company at "Mumbai"
 - (vi) Give increment of Rs 500 to all employees whose designation is "clerk"
 - (vii) Count how many employees are working in company "ABC Bearing Ltd" and whose designation is "Worker"

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1

[Contd...

- 4 Create company of M/S Akashlal & Co. and prepare final account for the month of Feb., 2006 with the help of the following transactions entering them in Tally. [30]

Feb. 2 Started business with cash Rs. 25,480, furniture Rs. 50,000 stock of goods Rs. 20,000 debtors Rs. 10,000 creditors Rs.15,000 and 16% Urvi Dhimar's loan of Rs. 30,000.

Feb.5 Opened account with Bank of Baroda with Rs.5,000.

Feb.8 Bought goods @10% trade discount from Sunny Rs.3,000 and sold them to Sanjay @ a profit of 25%.

Feb.15 Receiver an order for supplying goods from Mahesh Rs.10,000.

Feb.18 Sold goods of Rs. 15,000 to Nilesh @ 10% cash discount and 5% trade discount.

Feb.22 Sent goods to Mahesh as per his order.

Feb.25 Sold personal car for Rs. 50,000 and invested Rs. 30,000 out of it in business.

Feb.28 Paid salary Rs. 2,000 and rent Rs. 500.

- 5 Viva + Journal.

[20]



SD-1434

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 4 Section No. (1, 2,.....) : NIL

Seat No. :

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Student's Signature

(2) Figure on the right indicate marks.

- 1 Write a C program to Reverse the Digit of the Number(ex : if u enter 1234 [25]
the output would be 4321)
- 2 Write a C program to read a sentence (containing blank spaces) and count [25]
the no. of words in it.
- 3 Student (roll_no, name, gender, address, class) [40]
Marks (roll_no, sub1, sub2, sub3, total , per)

Give Primary key and other constraints to each table

- (1) Display the students of 'FYBCA'
- (2) Display the marks of students whose roll no is 45 and class is SYBCA
- (3) Count the number of girls from SYBCA
- (4) Count the noubter of students scored distinction in TYBCA
- (5) Give details of student who has stood first in each class.
- (6) List the percentage of students passed in SYBCA, FYBCA and TYBCA>
- (7) Count the number of boys securing first class, ($\geq 60\%$ and $< 70\%$)
- (8) List the students who have failed. (less than 40%)
- (9) Display the student name start with "J".
- (10) Find the student name and class of student where the student name has Patel as sub string

SD-1434]

1

[Contd...

4 Enter the following balances under proper ledger in tally : [30]

Purchases	14,000
Sales	18,400
Purchase Return	700
Sales Return	1,100
Mr. Shyam (Cr.)	1,000
Ms. Radha (Dr.)	6,220
Furniture	900
Stationery Expense	200
Advertisement Expense	240
Mrs. Sita (Cr.)	520
Traveling Expense	240
Stock	10,000
Rent	300
Discount Allowed	200
Salaries	400
Machinery	3,600
Raj Stores (Dr.)	800
Manish (Cr.)	2,800
Capital	24,000
Loan Taken	600
P.F	500
Wages	160
Bank	7,000
Cash	2,400
Drawings	1,000
Interest received	100
Discount received	140

5 Viva + Journal. [20]



SD-1435

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 5 Section No. (1, 2,.....) : NIL

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

Student's Signature

(2) Figure on the right indicate marks.

- 1 Write a program in C to Find the Factorial of a Given Number. [25]
- 2 Write a C program to find the sum of diagonal elements of a matrix. [25]
- 3 Consider following relations in database and solve the queries [40]
Book_mast(bookno,bookname,author,publisher, noofcopy)
Studentmaster(libno, studentname, bookno, noofcopy)
Transection(tranno, trantype, libno, bookno, nofocopy, trandate)
Give transection type = "I" for Issue and "R" for return
 - (1) Give primary key and other constraints to each table
 - (2) Display all books whose publisher is "BPB"
 - (3) Display all student name who have more than two books
 - (4) Display students who have books of "Operating System"
 - (5) Delete records from studentmaster of all students who have "VB.NET" book
 - (6) Change transaction type to "R" for all truncation whose transaction type is "I" and bookname is "Let us C"
 - (7) Display all student name who have got book and whose publisher is "TATA MACGRAW HILL"
 - (8) Count the no books which have been given to student whose name is "DBMS"
 - (9) List the no of authors whose publisher is "Bension Education"
 - (10) list no publisher whose books are in library

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1

[Contd...

- 4 Create company of Jenis jariwala for the year 31st March, 2008 and enter [30]
the following balances under proper ledger in tally :

Jenis's capital A/C.	65,000
State Bank of India A/C.	42,000
Cash A/C.	3,200
Salaries A/C.	5,600
Purchases A/C.	4,560
Brokerage A/C.	650
Sales Tax A/C.	5,460
Sales A/C.	8,620
Purchase return A/C.	6,000
Wages A/C.	4,690
Snehal Verma's A/C.	3,588
SBI Loan A/C.	5,000
Computer A/C.	6,500
General Expenses	2,100
Rent received A/C.	360
Creditors A/C.	8,900

- 5 Viva + Journal.

[20]



SD-1436

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
206 - PRACTICAL

Subject Code No. : 1 4 3 6 Section No. (1, 2,.....) : NIL

Seat No. :

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Student's Signature

(2) Figure on the right indicate marks.

1 Write a C program to give the output as follows. [25]
(n is the value of the no. Of rows in your out put)

```
* * * * *
* * * *
* * *
* *
*
```

2 Create a structure Item with fields itemcode, price, qty. Take array of [25]
structures and input the value of member variables and display output in
proper format.

3 Create following tables with appropriate constraint [40]

Itemmst(item_no, item_name, quantity, purchaserate)
Billmst(billno, itemno,quantitiesold, sellprice, selldate)

- (i) insert atleast 10 records
- (ii) display all itemno, item name, quantity, selling price and selling date
- (iii) display all the item whose quantity is less than 15
- (iv) change the purchase rate of items whose name start with "B" and quantity is greater than 15
- (v) display the name of item which was sold in current month
- (vi) count no of item starts whose name start with "A"
- (vii) count no of bill generated in current months
- (viii) display the item who have highest price.

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[Contd...

- 4 From the Following balances taken from the books of Prerna Industries [30]
as on 31-7-2010. Prepare a trial balance in the form of a statement :

Name of the Account	Balance Rs.	Name of the Account	Balance Rs.
Capital	200000	Bad Debts	3000
Purchases	180000	Discount received	10000
Bills payable	10000	Creditors	130000
Goods Return (Cr)	16000	Opening Stock	92000
Goods Return (Dr)	20000	Salary	18000
Sales	330000	Outstanding wages	2000
Drawings	30000	Wages	20000
Bad debts reserve	4000	6% Loan	10000
Furniture	17000	Machinery	50000
Building	50000	Advertise expenditure	4000
Cash and bank balances	1980	Discount Allowed	6100
Bills receivable	40000	Freight and Octroi	8000
Investment	8000	Debtors	151000
Stationary-Printing	4000		

- 5 Viva + Journal. [20]