



# RAN-3526

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

### March / April - 2019

### Practical 206

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

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

Name of the Subject :

Practical 206

Subject Code No.:

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Seat No.:

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Student's Signature

(1) Figures to the right indicate full marks of the question.

**Q:1 Write a menu driven program that input line. [30]**

Pass line in user defined functions parameter for following task.

1) Display smallest word

2) Display biggest word

Line: "This is testing line"

Output:

Biggest: testing

Smallest: is

**Q:2 Write a C program that creates structure Employee with eid, [30]**  
**ename, dept, salary.**

1) Input 5 employees.

2) Display employee whose salary is less than 20,000/- and department is "Production".

**Q:3 [A] Create following tables and apply appropriate constraints. Insert at least 8 records in each table. [30]**

Customer\_Master (Cust\_No, Cust\_Name, City)

Branch\_Master (Branch\_Id, Branch\_Name, City)

Loan\_Master (Loan\_Id, Loan\_Type)

Cust\_Branch\_Loan (Cust\_No, Loan\_Id, Branch\_Id, Loan\_Amount)

Constraints:

1. Loan\_Type must be Education, Personal or Home only.
2. All the fields can't be null.
3. Loan\_Amount must be non-zero.

**Q:3 [B] Write appropriate SQL statements for the following. [30]**

1. Display Customer who borrowed loan from 'Station' branch of 'Pune' city.
2. Display Customers who belong to 'Mumbai' and borrowed loan from 'Pune' City.
3. Display Customer who borrowed loan of maximum amount from 'S.G.' branch of 'Baroda' City.
4. Display Customer who has not borrowed any loan.
5. Display city wise, branch wise total loans.
6. Display total customer of 'Mumbai' city having 'Home loan'.
7. Find out the customer from 'Surat' having at least two loans in any branch.
8. Display customer who borrowed 'Personal' loan of minimum amount.
9. Display customer whose name starts with "A".
10. Display customers who have taken loan of more than 50,000 Rs.

**Q:4 Vi-Va+Files [20]**

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