



R-1831
First Year B.C.A. (Sem. II) Examination
May / June – 2010
206 : Practicals
(New Course)

Time : 3 Hours]

[Total Marks : 100

Instruction :

<p>नीचे दृशविल निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : F. Y. B.C.A. (Sem. 2)</p> <p>Name of the Subject : 206 : Practicals (New)</p> <p>Subject Code No. : 1 8 3 1 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; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- 1 (a) Write a C program to accept elements of MxN matrix and print all prime numbers in row-wise manner. Create user-defined function for checking prime number. **35**
- (b) Write a C program to accept a sentence (consists of white space characters) from user and count number of characters and words in it. **15**
- 2 (a) Create following tables, apply the specified constraints and insert appropriate records in the tables : **20**
- EmployeeMaster (EmpCode, EmpName, Street, City)
CompanyMaster (CompCode, CompName, City)
WorkDetails (EmpCode, CompCode, Salary, DOJ)
- Constraints :
- * EmpCode and CompCode should be declared as primary key at column level while creating tables.
 - * EmpName and CompName should have more than or equal to five characters.
 - * EmpCode and CompCode should start with 'E' and 'C' respectively.
 - * Create appropriate relationship between above tables.

- (b) Write appropriate SQL statements for the following : **30**
- (a) Find the name of all the employees who live in the same city as the company for which they work.
 - (b) Find the name of all employees who do not work for 'Microsoft'.
 - (c) Find the names of all employees who earn more than every employee of 'Microsoft'.
 - (d) Find out total number of employees in each company.
 - (e) Find the number of employees who are having their name starting with 'A' and have third last character 'S' in their name.
 - (f) Find out information about the employees whose experience is greater than 10 years.
 - (g) Find out those employees whose companies are in 'Bombay' and joined in year 2003.
 - (h) Write a query to add a column 'DOB' in EmployeeMaster and its default date is today's date.
 - (i) Display companywise information of the employees.
 - (j) Find out information of all employees who joined after you.

- 3** Create company of M/s. Sarika Textiles for the year **20**
31st March 2008 and enter the following balances under proper ledger in Tally :

Purchase A/c.	46,69,968
Sales A/c.	51,46,071
Transport & Octroi A/c.	46,385
Bank charges A/c.	6,388
Bank Od interest A/c.	36,182
Municipal tax A/c.	7,155
Deprictiation expense A/c.	25,179
Postage expense A/c.	2,320
Salaries A/c.	1,10,000
Shop expense A/c.	33,120
Telephone expense A/c.	11,310
Electric expense A/c.	16,280
Chirag's capital A/c.	10,22,881
Sundry creditors A/c.	85,000
Sundry debtors A/c.	12,18,851

Cash in hand A/c.	18,135
Furniture A/c.	5,983
Generator A/c.	2,150
Computer system A/c.	12,000
Aircondition A/c.	31,250
Yamaha motorcycle A/c.	11,296

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