



D-3721
B. C. A. (Sem. II) (CBCS) Examination
April / May - 2016
Practical - 206

Time : Hours]

[Total Marks : 140

Instructions :

(1)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination :</p> <p>B. C. A. (SEM. 2) (CBCS)</p> <p>Name of the Subject :</p> <p>PRACTICAL - 206</p> <p>Subject Code No. : 3 7 2 1 Section No. (1, 2,.....) : Nil</p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table> <div style="border: 1px solid black; border-radius: 15px; height: 60px; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>						

- (2) Write to the point.
 - (3) Provide examples and diagrams wherever appropriate / necessary.
 - (4) Figures to the right indicate full marks to the question.
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- 1 (a) Write 'C' program to convert Decimal Number to Binary **30**
Number.
Ex. Enter Decimal No: 1020
Output: Binary Number is = 1111111100.
 - (b) Write C program to generate int numbers from 0 to N **30**
using User Defined Function.
Ex: Enter N : 5
0, 1, 2, 3, 4, 5
-
- 2 (a) Create below tables with appropriate constrains and **30**
insert minimum 10 records in each table
 - (1) BookMaster(Book_ID, Title, Author, Publisher, Price, NoOfCopy)
 - (2) StudentMaster(Stud_ID, Name, Class, Mobile, Email)
 - (3) Transaction(Trans_ID, Stud_ID, Book_ID, Trans_type, Trans_Date) Trans_type:Issue, Deposit.

- (b) Write appropriate SQL statements for the following : **30**
- (1) Display all Student information from StudentMaster.
 - (2) Display all student information who has "yahoo.com" in email.
 - (3) Display the book of "Tata McGrawhill" publication.
 - (4) Display the total number of book issue in year 2015 of title "Let Us C".
 - (5) Display the students whose name starts with "A".
 - (6) Display detail of books issued by students of class "FYBCA".
 - (7) Display total number of books of each author in sorted order.
 - (8) Display students who have not issued any book yet.
 - (9) Display the student who issue maximum book of Title "Software Engineering".
 - (10) Display the Students whose mobile number starts with "78".

3 Viva + Files

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