



NA-7177-C

Second Year B. C. A. (Sem. III) Examination

November - 2021

Practicals-306

Time : 5 Hours]

[Total Marks : 140

Instructions : (1)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  <b>Fillup strictly the details of signs on your answer book.</b></p> <p>Name of the Examination :</p> <p>☛ <b>Second Year B. C. A. (Sem. III)</b></p> <p>Name of the Subject :</p> <p>☛ <b>Practicals-306</b></p> <p>☛ Subject Code No. : <b>7 1 7 7 - C</b></p> <p style="text-align: right;">☛ Section No. (1, 2,.....): <b>Nil</b></p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 30px; border-collapse: collapse;"> <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: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center;"> <p>Student's Signature</p> </div>						

(2) Figure on the right indicate marks.

1 Do as directed : 40

Create below tables with appropriate Constraints insert appropriate records in each table :

Book\_Master (Bookno, bookname, publisher, No\_of\_copy)

Student\_Master (Libno, student\_name, bookno no\_of\_copy)

Transaction (Tran\_no, Tran, Type, Libno, bookno, no\_of\_copy, tran\_date)

Give transaction type 'I' for Issue and 'R' for Return.

Queries :

- a. Display all books whose publisher is 'BPB'.
- b. Display all students' name who have more than two books.
- c. Display students who have books of 'DBMS'.
- d. Delete records from student master of all students who 'VB.Net' book.

- e. Change transaction type 'R' for all transaction whose transaction type is "I" and book name is "Let us C".
  - f. Display all student name who have got book and whose publisher is "TATA MACGRAW HILL".
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- 2** Write a program to convert infix expression into postfix expression. **40**
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- 3** Write a program to create class Person with data members (Name, Age). **40**
- Create a class Employee inherited from person with data members (eid, salary). Create a class programmer inherited from Employee with no-of-lang known. Show the detail of programmer.
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- 4** FILE + VIVA **20**
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