



RAN-3544

SYBCA (Sem-III) Examination

March / April - 2019

306 - Practicals

Time: 5 Hours]

[Total Marks: 140

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:

SYBCA (Sem-III)

Name of the Subject :

306 - Practicals

Subject Code No.:

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Seat No.:

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Student's Signature

(1) Figure on the right indicate marks.

(1) (A) Write a PL/SQL block of code that will merge the data available in the newly created table NEW_PRODUCT with the data available in the table PRODUCT_MSTR. If the data in the first table exists in the second table then that data should be skipped. [20]

PRODUCT_MSTR (ProductId, ProductName, Price, Discount) NEW_PRODUCT (NPid, ProductName, Price, Discount)

(B) Write a database trigger to generate Primary Key using sequence for PRODUCT_MSTR table. [20]

(2) (A) Implement doubly linked list: [20]

1. Insert at Nth position.
2. Update Node at Nth position.
3. Search element
4. Reverse elements in list and display elements list

(B) Write a recursive program to merge two unordered linked lists such that merged list is in reverse order. [20]

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[1]

[P.T.O.]

- (3) (A) Write a program to print time object by overloading '<<' Operator. [20]
(B) Write a program to create a class Account with functions SetBalance. [20]
GetBalance to find Balance of and display the name of the Account and
other essential component of the class. Create derived classes
CheckingAccount and SavingsAccount each having overridden
function GetBalance. Write a suitable program to illustrate virtual
functions.
- (4) Viva and Journal [20]
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