



# RAN-3546

## SYBCA (SEM-III) Examination

### October / November - 2019

### SYBCA SEM-III Paper 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 :

SYBCA SEM-III Paper 306 PRACTICALS

Subject Code No.:

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Seat No.:

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Student's Signature

**Instruction:**

(1) Figure on the right indicate marks.

**Q-1** Write a Program to perform following stack operation. You have to use character (A to Z) for all the stack operation. **(40)**

- I. PUSH
- II. POP
- III. PEEP
- IV. UPDATE

**Q-2** Construct a class Month with data members as month number. **(40)**  
Write C++ program with **overloaded operator “++”**, which increments the month number by one. Write a member function read() and display() to read a number of month and print a number of month. (Proper validation is required).

Input:

Enter month number: 8

Output:

Next Month number is: 9

Input:

Enter month number: 12

Output:

Next Month number is: 1

**Q-3** Consider following table and do as directed **(40)**

Department:- (departmentid, departmentname)

Employee:- (employeeid, ename, mname, lname, DOB, DOJ, salary, designation, departmentid, departmentname)

1. write a program using PL/SQL that
  - i. fetches a department from the department table.
  - ii. For each department, fetches employee information belonging to that department from the employee table.
  - iii. Then insert all this information into employeesdept table.
2. write a procedure to display top 3 highest salary gaining employee name.

**Q-4** Viva + Journal **(20)**

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