NA-1911000103060001-B

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

November - 2021

Practicals-306

Time : **5** Hours] [Total Marks : **140**

Instructions : (1)

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of ☛ signs on your answer book.

Name of the Examination :
☛ **Second Year B. C. A. (Sem. III)**

Name of the Subject :
☛ **Practicals-306**

☛ Section No. (1, 2,.....) : **Nil**

☛ Subject Code No. :
1 9 1 1 0 0 0 1 0 3 0 6 0 0 0 1 - B

Seat No. :

Student's Signature

(2) Figure on the right indicate marks.

1 Sales (sid, year, totalsales) **40**

Create above table into a SQLite database with appropriate constraints.

A. Insert at least 5-10 records into the sales table.

B. Export sales table data into sales.csv file.

C. Write a python scripts that read the sales.csv file and plot a bar chart that shows totalsales of the year. Also decorate the chart with appropriate title, lables, colours etc.

2 Create a class DataStructure having array as its member. Inherit class stack from Datastructure with constructor to initilize data members. Implement stack operations using member functions. **40**

3 Design a wbsite for an electronics store with following pages; **40**

(a) Home/Index page

(b) Registration page

(c) Login page

(d) Products/services page

(e) About us page

Use CSS and bootstrap 4 for styling. Use Javascript for from validations.

4 FILE + VIVA **20**