

## NA-1911000103060001-B

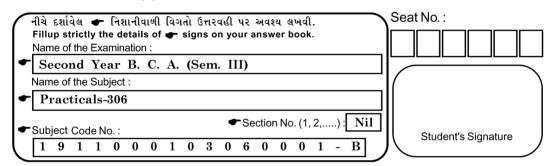
## Second Year B. C. A. (Sem. III) Examination

November - 2021

## Practicals-306

Time: 5 Hours] [Total Marks: 140

Instructions: (1)



- (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. 40 Inherit class stack from Datastructure with constructor to initilize data members. Implement stack operations using member functions.

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