

**2011000104060001-E**  
**Second Year B.C.A (Sem) - IV**  
**Examination April 2023**  
**PRACTICAL(406)**

**Seat No:**

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**[Time: Five Hours]**

**[Max. Marks:140]**

**Student's Signature**

**Q.1 Create VB.NET MDI application** that maintains Sales order record with following database [40]  
table.

Sales\_order(order\_no,order\_date, Client\_name,Dely\_address,dely\_boy\_name,  
Dely\_date,order\_status)

Design proper form which searches for sales\_order\_details as per Dely\_boy\_name. Perform insert, update and delete operations on it. Also display the Order details according to client\_name in Descending Order

**Q.2 Design a website** of an Online Railway Ticket Booking, that has the following [40] [40]

Facilities: (Note: You can use HTML5, CSS, Bootstrap, JavaScript, JSON, AJAX, XML, jQuery, Apply proper Validations)

- Registration/Login Page
- Book Seats with following Categories
  - SL
  - 3Tier
  - 2Tier
  - 1Tier
  - 2S
- Book now with Seat Availability
- Payment Page
- Feedback and complain

**OR**

**Create a Mobile application** for simulating Real Estate Application. [40]

- ✓ User can Register themselves (Registration form which contains spinner, checkbox and radio button), or enter by providing correct pin if already registered.
- ✓ Display Property Category wise (bungalows, row house, shop and land etc.),
- ✓ Application has a next button, on click of next button display Properties selected on next activity where a Onclick of purchase button shows alert on Toast (price of Property).

- Q.3**
- A. **Write a java program** to design a class Mystring having data member of type String add member function to achieve following task. **[20]**
- Reverse String
  - String in tOGGLECASE
  - Sentence case
  - Extract N-Characters from right-end of the string
- Write a menu driven program to call these methods Mystring Class. The program must use Exception handling.
- B. Write an applet program which accepts name of the shape user wants to display using parameter tag and display shape accordingly. Apply formatting. Write VNSGU in Center of the shape, the shapes could be rectangle oval and triangle **[20]**
- Q.4** Viva and Journal. **[20]**