B-2011000104060001-A

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

April - 2022

Paper-406 : Practical

(New Course)

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

સૂચના / Instructions :

(1)

1   Create a VB.Net application to manage insurance   **40**
information.

Agent_Master: (Agent_code, Agent_name, City)

Policy_Master: (Policy_no, Agent_code, Customer_name, Start_date, End_date, Policy_amt)

Perform following operations:

(a)   Provide Insert, Update, Delete and Display facilities.

(b)   Display policy no., agent no. and policy holder name in ascending order based on policy amount.

(c)   Display Agent name, his clients' name and total policy amount agent-wise.

2   (A)   Create STUDENT class having data members roll   **20**
no and name. Create 5 objects of STUDENT class and take input from the user and print all students' data in ascending order of name with interval of 1 second.

(B) Create an applet which displays a Triangle within a **20** circle where the circumference of the circle touches to the all the vertices of the triangle. Provide different colors to both the objects.

3   Create an Online Movie Ticket Booking site, that has   **40** the following facilities:

(Note: You can use HTML, HTML5, CSS, Bootstrap, JavaScript, JSON, AJAX, XML, JQuery. Apply proper validations)

o   Sign up/Sign in page

o   Movies page with following categories. Note: Apply various effects

     • Hollywood

     • Bollywood

     • All movies

o   Book now page with seat availability

o   Payment page

o   Ratings and Reviews

OR

Develop a Mobile Chat application that has the following facilities:

o   User Registration

o   User login

o   Tab layout that has options to chat, view status and view contacts

o   The tab layout must have Search view option to view the chat, status or contact of specific person.

4   VIVA and Journal.   **20**

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