



B-2011000104060001-C
Second Year B. C. A. (Sem. IV) Examination
April - 2022
Paper-406 : Practical
(New Course)

Time : 5 Hours]

[Total Marks : 140

સૂચના / Instructions :

(1)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : <input style="width: 90%;" type="text" value="Second Year B. C. A. (Sem. IV)"/></p> <p>Name of the Subject : <input style="width: 90%;" type="text" value="Paper-406 : Practical"/></p> <p>Subject Code No. : <input style="width: 30%;" type="text" value="2 0 1 1 0 0 0 1 0 4 0 6 0 0 0 1 - C"/> Section No. (1, 2,...): <input style="width: 30%;" type="text" value="Nil"/></p>	<p>Seat No. : <table border="1" style="width: 100%; height: 30px; border-collapse: collapse;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table></p> <div style="border: 1px solid black; border-radius: 15px; height: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center; padding: 10px;">Student's Signature</div>						

- 1 Create a VB.Net MDI Application that has following functionalities for an Electronics Shop.40

 - (1) Insert Products in Catalogue Master table (Product ID, PName, PType (Mobiles, Tablet, Wearables, Accessories), PRate, PQuantity)
 - (2) Listing of all data in DataGridView and ability to filter data by PType.
 - (3) Update, Delete operations for Updating Product Quantity.
 - (4) List out all Products with Price less than Rs 1000 with Single Click.
- 2 (A) Write a Java Program that Accepts String Data from User and then Provide options for Changing case into Any of the Following. (UPPERCASE, lowercase, Sentence case, tOGGLE cASE).20

- (B) Write an applet that simulates a Digital Clock 20
displaying in the form Hour:Min: Sec. User should be
able to change colour of Fonts of Clock by selection
provided.
- 3 Design a website for Online Recharge/Bill Payments. 40
Facility to Register User and Login to Website with proper
validations. On entering Mobile Number different plans
should Appear below panel using AJAX. Selecting any plan
displays its Details. Appropriate message for Successful or
Fail Transaction should be Displayed.
- OR**
- Create a Mobile Application for simulating Banking 40
Application. User can enter by Providing Correct Pin.
Display Bank Balance. Simulating Money Transfer to another
Account. View list of recent Transactions.
- 4 Viva and Journal. 20
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