



RR-3762

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

April / May - 2017

Practical - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. :	
Name of the Examination :		<input type="text"/>	
<input type="text" value="SECOND YEAR B. C. A. (SEM. 4)"/>		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
<input type="text" value="PRACTICAL - 406"/>		<input type="text"/>	
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="6"/> <input type="text" value="2"/>		Section No. (1, 2,.....) : <input type="text" value="NIL"/>	
		<input type="text" value="Student's Signature"/>	

1 Create VB.NET application to maintain students 40

Information. Create following table :

tblStudent(RollNo, Name, Mark1, Mark2, Mark3)

Design proper form and make necessary validation. Provide insert, update and delete facility for above table. Generate report in DataGridView to display student information who gets percentage greater than 75%.

2 Design a website for a college campus recruitment system. 40

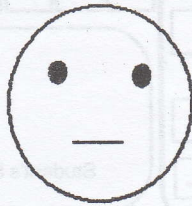
It provides following information :

- Student Registration form
- Company Registration form
- Information about various vacancies in different companies.
- Provides facility to students to apply for the post.

Create minimum five pages with proper validations.

- 3 (a) Design Item class having Item_Code, Name, Price, and Stock in hand as data member. Add appropriate member functions. Write a Java program that accepts details of N Item and display items details in ascending order of their stock. 20

- (b) Write an applet code to displays following image. 20
Provide yellow color to face and displays greeting message on the bottom of an image.



- 4 VIVA and Journal. 20



RR-3760

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Practical - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

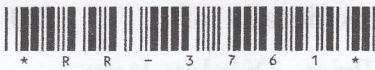
નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. : <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
Name of the Examination : Second Year B. C. A. (Sem. IV)		<table border="1"><tr><td colspan="6">Student's Signature</td></tr></table>	Student's Signature					
Student's Signature								
Name of the Subject : Practical - 406								
Subject Code No. : <table border="1"><tr><td>3</td><td>7</td><td>6</td><td>0</td></tr></table> Section No. (1, 2,...): NIL		3	7	6	0			
3	7	6	0					

- 1 Create VB.NET application which maintains books in library. Create following tables :
book_issue (issue_no, rollno, book_id, Issue_date, return_date)
Students(RollNo, Name, Address, city).
Perform add and update operations on tables. Also generates report in data grid view of all the students who has return the book today. **40**
- 2 Design website for a restaurant. This website displays all the facilities provided by the restaurant with proper formatting. It also displays various special offers given by the owner. Provide facility to place order. Provide proper validations. **40**

3 (a) Define a class Mobile having data members m_Code, 20
Company Name, Mobile Name, Price. Add appropriate
member function to set the values. Also add member
function to display only those mobiles details whose
price is less than 7,000. Write a Java program which
creates N object of mobile class and call appropriate
member functions.

(b) Write a Java program which accepts names of 20
10 software products and its price. Arrange the details
in the ascending order of their names and displays it
at an interval of 1 second using thread.

4 VIVA and Journal. 20



RR-3761

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

April / May - 2017

Practical - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. : <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 2px;"></div>
Name of the Examination : <div style="border: 1px solid black; padding: 2px;"> SECOND YEAR B. C. A. (SEM. 4) </div>		<div style="border: 1px solid black; width: 150px; height: 80px; margin: 10px auto;"></div> <p>Student's Signature</p>
Name of the Subject : <div style="border: 1px solid black; padding: 2px;"> PRACTICAL - 406 </div>		
Subject Code No. : <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">6</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">1</div> Section No. (1, 2,.....) : <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 40px; text-align: center;">NIL</div>		

- 1 Create VB.NET application to maintain Employees Information. Create following tables : 40**

tblEmp (EmpNo, EmpName, Designation, Salary, DeptNo)

tblDept(DeptNo, DeptName)

Design proper form and make necessary validation. Provide insert, update and delete facility in above tables. Generate report in DataGridView to view all employees whose department is "Computer" and salary is greater than 50000.

- 2 Design a website for Online Mobile Store with proper validations which consist of the following pages: 40**

- Home page
- Registration page
- Product Catalogue
- Shopping Cart
- Payment Options
- Order Confirmation

- 3 (a) Create an application which accepts details of 10 items like Item No, Name and Price. Display Item details in the descending order of their price at an interval of 2 seconds. 20
- (b) Design a class named Book with data members like ISBN_NO, Title, Publisher and Price. Define dynamic constructor and a member function to displays only books whose title contains "Java programming". Write a program which creates N object of Book class and call appropriate member function. 20
- 4 VIVA and Journal. 20