



UA-3752

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

April/May - 2012

406 - Practical

Time : Hours]

[Total Marks :

Instructions :

(1)

नीचे दशांश निशानावाणी विगतो उत्तरवही पर अवश्य लपवी. 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="406 - Practical"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="2"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	

(2) All questions are compulsory.

- 1 Journal and Viva. 20
- 2 (a) BookMaster (BookNo, BookName, Author_No, PurDate, Pages) 40
- Author_Master (Author_No, Name, City, DateOfBirth)
- BookIssue (BookNo, RollNo, IssueDate, ReturnDate, Fine)
- Where fine will be automatically calculated if student does not returns book within 10 days.
- Perform following operations :
- (i) Provide Insert, Update, Delete, Navigation and Display facilities.
 - (ii) Display Authorwise Book Report which are issued till date.
 - (iii) Display Summary Report of the Students in descending order based on the Books issued by them.
 - (iv) Generate report which display Names of the books which are been issued in ascending order.
 - (v) Generate report which display names of students and fine charged on them.

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[Contd...

- 3 Design a website for a Jewelry shop which gives the following details : 40
- Home page giving information about store and links to other pages.
 - Products details page giving information about various products of shop.
 - Customer registration form to become member of shop.
 - Provide feedback form.
 - Provide proper validations.
- 4 (a) Write a java code which accept a sentence. Reverse each word from the sentence and display the whole sentence. Also count total words in the sentence. 25
- (b) Write java applet which display various shapes based on user's choice. Shapes are circle, rectangle, square, triangle. Also select colour and fill the colour to the selected object. 15



UA-3754

Second Year B. C. A. (Sem. IV) Examination
April/May - 2012
406 - Practical

Time : 3 Hours]

[Total Marks :

Instructions :

(1)

नीचे दृष्टांतव <input type="checkbox"/> निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of <input type="checkbox"/> signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> Second Year B. C. A. (Sem. 4)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> 406 - Practical	<input type="text"/>
Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 5 <input type="text"/> 4	Section No. (1, 2,.....) : <input type="text"/> NIL
Student's Signature	

(2) All questions are compulsory.

- 1 Create VB.NET application to manage Project Information 40
of Employees.
EmpMaster (EmpNo, EmpName, DeptName, Salary)
ProjectMaster(ProjNo, ProjectName, ProjectType)
EmpPro (Empno, Projno, ModuleName, Deadline)
Where ProjectType : Window-Based, Web Based (Static values,
it doesn't change)
One Employee can work on multiple projects; deadline is as
per the modules of the project.
Perform following operations :
 - (i) Provide Insert, Update, Delete, Navigation and Display facilities.
 - (ii) Display Employee wise Project Report.
 - (iii) Display Summary Report of the Selected ProjectName.
- 2 Develop a website for a computer institute which gives 40
the following details :
 - Home page giving details of computer institute and links to other pages.
 - Courses details page giving information about various courses offered by institute.
 - Provide student registration form.
 - Provide page displaying all the achievements of the college.
 - Provide proper validations.

- 3 (a) Write a program which accepts a String. Convert it into piglatin string and display it. 20
e.g. Input : This is a Book
Output : hisTa sia aa ookBa
- (b) Write a program which accepts starting character and ending character. Display one by one character from starting character till the end at the interval of one second using thread until user press Ctrl+C. 20
- 4 Viva and Journal. 20

- 3 (a) Write a java program which accept 5 names using an array of string. Display only palindrome names from it. Also display the total number of palindrome strings. 25
- (b) Write an applet program that gets no. of rectangles from the user (param tag) and draws the rectangles in different positions. 15
- 4 Viva and Journal. 20