



RM-1868

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

(1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. B. C. A. (Sem. 4)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Practicals - 406"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="6"/> <input type="text" value="8"/>	Section No. (1, 2,.....): <input type="text" value="Nil"/>
Student's Signature	

1 (a) Create the following tables : 10

- Item (ino, it-desc, uniof measure, qty-on-hnd, type, weight)
- Dept. (deptno, dname, mgr)
- Issue (issue-no, issue-dt, deptno).
- Issue-item (issue-no, ino, Qty)
- (type-red, blue or green)

Do the following :

- (i) Add two columns, location and total staff to the dept. table.
- (ii) For each issue, display the department details and the quantity of each item ordered.
- (iii) Display departments that have issued two orders on the same day.
- (iv) Display all details about items issued on 10th October 1999.
- (v) Display the average weight of all red parts where the qty-on-hnd is between 10 and 1000.

Write a database triggers to do the following : 30

- (b) (i) To check whether the quantity ordered is less than quantity on hand before allowing the record inserted in issue-item.
- (ii) Trigger to check that the item-no to be inserted which start from i or I.

- 2 Design a website for a hotel. Their should be minimum 5 pages provide on line booking facility with proper validations wherever required. 40
 - 3 Write a VB.Net application which modifies and deletes as well as print all the items of a type given as input by the user. 40
 - 4 Viva + Journal. 20
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RM-1869

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 6 9 Section No. (1, 2,.....) Nil

Seat No. :

Student's Signature

1 (a) Create the following tables 10

Worker (workerid, name, wage-per-hour, specialised_in, manager-id)

Job (Job-id, type-of-job, status)

Job-Assigned (workerid, job-id, starting-date, number of days)

Do the following :

- (i) Display the date on which each worker is going to end his presently assigned job.
- (ii) Display how many days remain remaining for each worker to finish his job.
- (iii) Change the status to 'complete' for all those jobs, which started in year 2000.
- (iv) Display job details of all those jobs where at least 25 workers are working.
- (v) Display all these jobs that are already completed.

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1

[Contd...

- (b) Write function, which finds out whether the given worker is earning more than his manager. **30**
- 2 Design a website for US Pizza; the site should contain at least 5 pages. It should contain facility for placing order online. (proper validations need to be provided). **40**
- 3 Use Worker table. **40**
Write a VB.Net application views all the records, delete a particular records and view all the workers who are earning more wages (wages-per-hour > 500).
- 4 Viva + Journal **20**
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RM-1870

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 7 0 Section No. (1, 2,.....) Nil

Seat No. : [] [] [] [] [] [] [] []

Student's Signature

- 1 Write a program in VB.net which displays medicines 40
produced by a particular company. Display the medicines
which are out of stock.

- 2 (a) Use the employee table 20
Emp (Emp, Name, salary, department, experience)
Write a PL/SQL block for
 - (i) If employee is in 'Testing' department increase
salary by 10%
 - (ii) Increase salary by 15% if employee is in 'Design'
or 'Coding'.
 - (iii) Increase the salary by Rs. 5000/- for all the
employees whose salary is less than Rs. 5000/-.
 - (iv) Display the total records updated by performing
above queries.

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1

[Contd...

- (b) Write a trigger that will not allow the changes to the salary of employees who are having an experience less than 3 years. **20**
- 3** Design a website for a hospital. Website should contain at least 5 pages. Give provision for donors to fill their details online. Give proper validations for the fields in the form. **40**
- 4** Viva + Journal **20**
-



RM-1871

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 7 1 Section No. (1, 2,.....) Nil

Seat No. : [] [] [] [] [] [] [] []

Student's Signature

- 1 Write a program to maintain rooms in hotel. Use room (Rno, type, cost, no. of rooms). Display the no. of rooms in each category. Also provide list of rooms which falls in the range of cost selected by the user. 40
Provide combo box which contains list of cost that could be selected by the user.
- 2 (a) Write a procedure that will accept distributor-no and item-no from the user. Display quantity issued against these details. 20
Distributor (dno, name, addr, phone)
Item (INo, name, colour, weight)
Dis-item (dno, ino, qty.)
(b) Write a database trigger that will update all the quantity by 10 units for all the items supplied by a particular distributor. Also update all the items whose quantity goes below a minimum level. 20
- 3 Design a website for online game stone. Create minimum 5 pages. Give provision for ordering games online. Provide proper validations. 40
- 4 Viva and Journal. 20

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[200]



RM-1872

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दृष्टावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य वपनी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> S. Y. B. C. A. (Sem. 4)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Practicals - 406	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="7"/> <input type="text" value="2"/>	Student's Signature
Section No. (1, 2,.....) <input type="text" value="Nil"/>	

- 1 Write a program to maintain table of cricketer (name, country, no. of tests, score) provide insertion facility. Display the cricketer rankwise. **40**
- 2 (a) Write a PL/SQL block which takes as input department name and display those employees who have an experience of 5 years or more. Use the following tables. **20**
(Emp(eno, name, dno, designation, date of joining, salary)
Dept (Dno, name, branch)
- (b) Write a trigger that will not allow the updation of employees salary working in sales department. **20**
- 3 Design a website for book store. Create minimum five pages provide facility for online order of books. Provide proper validations. **40**
- 4 Viva + Journal. **20**

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[500]



RM-1873

Second Year B. C. A. (Sem. IV) Examination
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Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 7 3 Section No. (1, 2,.....) Nil

Seat No. :

Student's Signature

- 1 Write a program which maintains details of students staying in hostel. Display all the hostels which are full. Delete the hostel in "Vapi". Insert a reward. Use hostel (hno, city, no of rooms, occupied rooms) **40**
- 2 (a) Write a PL/SQL block pass workers in the worker table the worker_id as a parameter to job-assign table. Display details of only the workers whose jobs are pending. (Hint : Start-date + No. of day < Currt-date) Use Table Worker (worker-id, name, wages) Job (Job-id, type, status) Job-assign (worker-id, job-id, start-dt, no.of days) **40**
(b) Write a database trigger will not change bill-master table after the business hours (from 8 am to 5 pm) from Monday to Saturday. Allow only transactions in weekdays not on Sunday. Use the table Bill master (bno, cno, bdate, amount)
- 3 Create a webpage for a school. Create minimum 5 pages. Allow students to fill on-line admission forms. Provide proper validations. **40**
- 4 Viva and Journal. **20**

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[300]



RM-1874

Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 7 4 Section No. (1, 2,.....) Nil

Seat No. :

Student's Signature

- 1 Write a program to maintain doctor database 40
(d name, specialisation, visiting time, days of visit)
Print all the doctors who visit between 5 pm to 9 pm on
Thursday and Sunday. Print all the "Cardiologists" visiting
in "Thursday".
- 2 (a) Write a procedure that will take content of medicine 20
from the user and display all medicine details along
with stock details for all medicines.
Medicine (m name, type, contents, usage, manufacturer)
Stock (m name, bt-no, manu-dt, exp-dt, batch-qty).
(b) Write a trigger that does not allow quantity to go 20
down below 10 for all capsules manufactured in the
current year.
- 3 Create a website for a bank. Create minimum 5 pages. 40
Give provision for create users account online. Give proper
validations.
- 4 Viva and Journal. 20

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[500]



RM-1875

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

May / June – 2010

Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

(1)

नीचे दर्शावेल निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : **1 8 7 5** Section No. (1,2,...): **Nil**

Seat No. :

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Student's Signature

- 1 Write a VB.Net application to maintain a loan database loan (l-id, c-no, name, amount, no-of-instalments, amt-inst, no-of-inst-over) Print all the customers who has to pay only one instalment. Print the total amount to be repayed by all the customers. **40**
- 2 (a) Write a function which takes worker-id as input and the corresponding record is passed as input to the function. The function checks whether the hourly income is more than 100 Rs. or not. Use the table worker (worker-id, name, wage/hour, specialisation). **20**
(b) Write a trigger that will check the intime of the employee in the attendance table. If the intime is after 8.15 am mark "Half leave" otherwise "present". Use the table attendance (eno, time-in, attden-status). **20**
- 3 Create a website for courier service. Create minimum five pages. Whenever the question enters dock-no, he could be able to find the place and the status of courier sent by them. **40**
- 4 Viva and Journal. **20**

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[400]



RM-1876
Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

(1)

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. B. C. A. (Sem. 4)</p> <p>Name of the Subject : Practicals - 406</p> <p>Subject Code No. : 1 8 7 6 Section No. (1,2,.....): Nil</p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px;"><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: 10px; padding: 10px; height: 80px; margin-top: 10px;">Student's Signature</div>						

- 1 Create an application which search for a particular item, if it is found accept new cost and quantity. If not insert the record in the table, use Item (ino, name, cost, quantity). Also provide facility to display. 40

- 2 (a) Write a function to which the distributor name is passed and the function returns the name of the item which has the maximum quantity among all those sold by distributor. 20
Distributor (dis-no, name, address, phone)
Item (Ino, name, colour, weight)
Dis-Item(dis-no, ino, qty)
- (b) Write a trigger that will check whether the quantity ordered is the less than quantity on hand before allowing the record to be inserted in the issue-item table : 20
item (ino, description, quantity on hand, unit)
Issue-item (issue-no, ino. qty.)
Use the above tables.

- 3 Design a website for tours and travels agency. Create minimum 5 pages. Give provision for registering online by customers. Give proper validations for the fields. 40

- 4 Viva + Journal. 20



RM-1877

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[Total Marks : 140

Instruction :

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Name of the Examination : S. Y. B. C. A. (Sem. 4)	<input type="text"/>
Name of the Subject : Practicals - 406	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="7"/> <input type="text" value="7"/> Section No. (1, 2,.....): <input type="text" value="Nil"/>	Student's Signature

- 1 Create a program that populate combobox with book name. 40
Once user selects a particular book name display corresponding details about cost, no of copies etc. Also delete the record by accepting book no.
Book (Bno, name, aname, cost, no. of copies)
- 2 (a) Write a PL/SQL block to do the following : 20
(i) Display first five highest earning employees.
(ii) Display the total employees working in each department.
(iii) Display the people who are working in "Testing".
(iv) Update the salary by 10% for all employees who have more than five years of experience.
Use Employee (eno, name, salary, Doj, Department) table.
(b) Write a trigger that will not update the salary for 20
persons working in testing department even his experience is more than five years.
- 3 Design a website for our university create atleast 40
minimum 5 pages. Give provision for online admission form for computers. Give proper validations.
- 4 Viva + Journal. 20

RM-1877]

[300]



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RM-1878
Second Year B. C. A. (Sem. IV) Examination
May / June – 2010
Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

(1)

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- 1 (a) Write a program which updates total cost of all the records if the total cost exceed Rs. 5000 by providing 12% discount. Who had purchased item today. Use Item (ino, name, cost/item, quantity, total cost) Calculate total cost. 40

- 2 (a) For the table Item (Ino, name, qty, cost/item, total cost). Write a PL/SQL code : 20
 - (i) For displaying records who had purchased for more than 15,000.
 - (ii) Display total people who have purchased a particular item on a particular date.
- (b) Write a trigger that will automatically generate primary key for table "item" where ino should have 'I' at the first position followed by number generated out of sequence. When we insert a record. 20

- 3 Design a website for consultancy firm. Make minimum 5 pages. Give provision for online registration. 40

- 4 Viva + Journal. 20



RM-1879

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

May / June – 2010

Practicals - 406

Time : 5 Hours]

[Total Marks : 140

Instruction :

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Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 4)

Name of the Subject :
Practicals - 406

Subject Code No. : 1 8 7 9 Section No. (1,2,...): Nil

Seat No. : [] [] [] [] [] []

Student's Signature

- 1 Write a program which maintains books in library. 40
book-issue (iss_no, rno, bk_id, issue_date, return_date).
Perform insertion and updation. Display all the students who
has to return books today.
- 2 (a) Write a PL/SQL block for each job, display the 20
workers working on it. The total days each worker will
work and the grand total of days assigned. Use the
following tables :
Worker (wid, name, wages)
Job (jobid, type, status)
Job_assign (Wid, Jobid, St_date, no_of_days)
(b) Write a database trigger that will assign jobs to 20
workers only who are "Permanent" (Use status of job
table). Also check that atleast no_of_days assigned is
minimum 2 days.
- 3 Design a web site for "Big Cinemas". Create minimum 40
five pages. Also allow the user to book online tickets. Provide
proper validations.
- 4 Viva and Journal. 20

RM-1879]

[300]