

BHARATHIAR UNIVERSITY, COIMBATORE-641 046

M.COM – CA (Computer Applications) with Diploma in Services Marketing / Diploma in Capital and Commodity Markets / Diploma in Insurance Management / Diploma in International Trade (CBCS Pattern)

(For the students admitted during the academic year 2008-2009 and onwards)

SCHEME OF EXAMINATIONS

Study Components	Course Title	Ins. hrs / week	Examinations				Credits
			Dur.Hrs	CIA	Marks	Total	
Semester I							
	Managerial Economics	7	3	25	75	100	4
	Marketing Management	7	3	25	75	100	4
	Database Management System	7	3	25	75	100	4
	Computer Applications Practical-I (MS Office & Oracle)	6	3	40	60	100	4
	Elective/Diploma-I :	3	3	25	75	100	3
Semester-II							
	Cost Accounting	5	3	25	75	100	5
	Management Accounting	5	3	25	75	100	5
	Business Research Methods	5	3	25	75	100	4
	Object Oriented Programming with C++	6	3	25	75	100	4
	Computer Applications Practical-II (Tally & C++)	6	3	40	60	100	4
	Elective/Diploma : II :	3	3	25	75	100	3
Semester-III							
	E-Commerce	7	3	25	75	100	4
	Visual Basic Accounting	7	3	25	75	100	4
	Financial Management	7	3	25	75	100	5
	Computer Applications Practical-III –VB, VB Script, HTML, DHTML	6	3	40	60	100	4
	Elective/Diploma-III :	3	3	25	75	100	3
Semester-IV							
	Investment Management	6	3	25	75	100	5
	Direct Taxes Business	6	3	25	75	100	5
	Java Programming and HTML	6	3	25	75	100	5
	Project Work & Viva-Voce	6	3	50	150	200	8
	Computer Applications Practical-IV (Tally & C++)	3	3	-	-	-	-
	Elective/Diploma-IV :	3	3	25	75	100	3
TOTAL		-	-	-	-	2200	90

DIPLOMA PAPERS

1. Diploma in Services Marketing

1. Principles and Practice of Marketing of Services
2. Marketing of Financial Services
3. Marketing of Health Services
4. Travel and Hospitality Services

2. Diploma in Capital and Commodity Markets

1. Financial Markets and Institutions
2. Indian Stock Exchanges
3. Futures and Options
4. Fundamental and Technical Analysis

3. Diploma in Insurance Management

1. Principles of Life and Health Insurance
2. Principles of General Insurance
3. Insurance Laws
4. Actuarial Concepts and Principles

4. Diploma in International Trade

1. Principles of International Trade
2. Export and Import Procedure
3. Institutions Facilitating International Trade
4. India's International Trade

BHARATHIAR UNIVERSITY
COMPUTER APPLICATIONS PRACTICAL LIST
For M.COM (CA) Course Offered by affiliated Colleges
For the Students admitted during the academic year 2007 – 2008 onwards

General instructions

The students should submit their records by using the format given below.

Objective *

Requirements *

Functions to be performed *

Output *

The students should simultaneously maintain a file to keep a record of the various documents used by them for the various practical exercises done by them.

Distribution of internal assessment (25%)

5	Marks for attendance
15	Marks for model exams
5	Marks for file and Record

Internal 25 marks

University Practical Exam 75 marks

List of computer practical to be followed

Semester - I M.S. Office & DBMS

Semester - II C++ & Tally

Semester III Visual Basic

Semester IV Java & HTML (Internal Practical only - No University Practical Examinations)

Computer Application practical –I

I Semester Practical List (MS – Office & DBMS)

M.S.OFFICE

1. Type a document (like-Speech of a chairman in AGM, Budget speech of finance minister) and perform the following:

- Right align and bold face
- Center align and italics
- Justify and center alignment
- Also insert footnote and end note for the same.
- Change a paragraph into two column paragraph
- Insert page number at the bottom

- Insert date, time and heading in the header section.
2. Using mail merge, send an invitation /notice (by creating the invitation/notice) for the following situation (at least 5 addresses to be entered)
(Any one of the following)
 - a) For opening a new branch
 - b) Inauguration of ATM
 - c) Informing about new scheme or offer
 3. Preparation of Table using MS word – Sales Analysis for a period of five years for three products
 4. Using EXCEL prepare a table for (any one of the following)
 - a) Employees payroll
 - b) Sales data
 - c) Students marks and perform the following functions
(Total, Average, Percentage, conditional sum and show the results in chart)
 5. Prepare an Excel sheet and apply the following statistical functions to analyze the data
(Any one of the following)
 - a) Mean, Median, Mode
 - b) Standard Deviation
 - c) Time Series
 6. Prepare a questionnaire for a research problem by using MS WORD – use word art, reference, borders and shading and insert a table relevant to your research problem.
 7. Prepare a PowerPoint presentation for (any one of the following)
 - a) Product Advertisement
 - b) Company Advertisement
 - c) Annual General Meeting (Minimum 5 slides)

Requirements

1. Using Hyperlink to all slides
 2. Different animation effect for text and pictures
 3. Fully automatic – timing – 2 minutes
8. Using Access prepare a table for (any one of the following)
 - a) Pay Roll
 - b) Student record
 - c) Sales data
 - d) Address database of customers –

Requirements

(By using Design view/ Wizard view)

1. One of the fields should be Primary Key
2. Apply sort option to display records (at least three different method of sorting)
3. Generate reports by using different queries.

DBMS

- 9) Create a table - use name **Software** with the fields and insert the values:

Field name	Field type	Field size
Programmer name	character	15
Title	character	20
Language used	character	15
Software cost	number	10 with 2 decimal places

Development cost	number	10
Software sold	number	3

Queries:

- a) Display the details of software developed by “PRAKASH”.
- b) Display the details of the packages whose software cost exceeds “2000”.
- c) Display the details of the software that are developed in “C++”.
- d) What is the price of costliest software developed in “C”.
- e) Display the details of the programmer whose language used is same as “Suresh”.

10) Create a table **Company** with the following fields and inserts the values:

Field name	Field type	Field size
Company name	character	15
Proprietor	character	15
Address	character	25
Supplier name	character	15
No of employees	number	4
GP percent	number	6 with 2 decimal places

Queries:

- a) Display all the records of the company which are in the ascending order of GP percent
- b) Display the name of the company whose supplier name is “Telco”.
- c) Display the details of the company whose GP percent is greater than 20 and order by GP percent
- d) Display the detail of the company having the employee ranging from 300 to 1000
- e) Display the name of the company whose supplier is same as like Tata’s.

10) Create a table named **Employee** with the following fields and insert the values:

Field name	Field type	Field size
Employee Name	character	15
Employee Code	number	6
Address	character	25
Designation	character	15
Grade	character	1
Date of Joining	Date	-
Salary	number	10 with 2 decimal places

Queries:

- a) Display name of the employees whose salary is greater than “10,000”.
- b) Display the details of employees in ascending order according to Employee Code
- c) Display the total salary of the employees whose grade is “A”.
- d) Display the details of the employee earning the highest salary.
- e) Display the names of the employees who earn more than “Ravi”

11) Create a table named **Student** with the following fields and insert the values:

Field name	Field type	Field size
Student Name	character	15
Gender	character	6
Roll No.	character	10
Department Name	character	15
Address	character	25

Percentage number 4 with 2 decimal places

Queries:

- a) Calculate the average percentage of the students.
- b) Display the names of the students whose percentage is greater than 80
- c) Display the details of the student who got the highest percentage.
- d) Display the details of the students whose percentage is between 50 and 70.
- e) Display the details of the students whose percentage is greater than the percentage of Roll No = 12CA01

12) Create the table PRODUCT with the following fields and insert the values:

Field name	Field type	Field size
Product no	number	6
Product name	character	15
Unit of measure	character	15
Quantity	number	6with 2 decimal places
Total amount	number	8 with 2 decimal places

Queries:

- a) Using update statements calculate the total amount and then select the record.
- b) Select the records whose unit of measure is “Kg”
- c) Select the records whose quantity is greater than 10 and less than or equal to 20
- d) Calculate the entire total amount by using sum operation
- e) Calculate the number of records whose unit price is greater than 50 with count operation

13. Create the table PAYROLL with the following fields and insert the values:

Field name	Field type	Field size
Employee no	number	8
Employee name	character	8
Department	character	10
Basic pay	number	8 with 2 decimal places
HRA	number	6 with 2 decimal places
DA	number	6 with 2 decimal places
PF	number	6 with 2 decimal places
Net pay	number	8 with 2 decimal places

Queries:

- a) Up date the records to calculate the net pay.
- b) Arrange the records of employees in ascending order of their net pay
- c) Display the details of the employees whose department is: sales”
- d) Select the details of employees whose HRA \geq 1000 and DA \leq 900
- e) Select the records in descending order

Computer Application practical –II **II Semester Practical List (Tally & C++)**

TALLY

1. By using Tally - Create Voucher & ledger with adjustments
(Using F11 and F12 keys)
2. Prepare Trial Balance, Profit & Loss A/C and Balance Sheet
(With minimum of any 5 adjustments)
3. Prepare Inventory statement using (Calculate Inventory by using all methods)
 - a) FIFO
 - b) LIFO
 - c) Simple Average method
 - d) Weighted Average Method.
4. Prepare a fund flow statement and give your opinion.
5. Prepare a cash flow statement and present your view.
6. Analyze the performance of an organization by using Ratio
(Minimum 5 Ratios are essential).

C++

7. Pay Roll calculation (Using simple program)
8. Find out EOQ, Minimum Level, Maximum Level, Re-order level (Using simple program)
9. Write a c++ program to calculate working capital using class and objects (member function should write inside and outside the class)
10. Program to calculate contribution, P/v Ratio, BEP and Margin of safety using Functions.
11. Calculate Simple Interest and compound interest using inline functions.
12. Calculate Depreciation – by using constructors and Destructors
13. Write a C++ program to calculate the sum and product of two complex numbers using operator overloading.
14. Write a c++ program to prepare cost sheet using inheritance

Computer Application practical –III **III Semester Practical List (Visual Basic)**

Visual Basic

1. Write a VB program to use Menu Editor for adding a picture and also increase and decrease the height and width of the image box, option button & check box.
2. Write a VB program to prepare a pay slip.
3. Write a VB program to calculate depreciation.
4. Write a VB program to calculate Various Leverages.
5. Write a VB program to find the PV and FV by using Financial Functions.
6. Write a VB program to use MDI Form and include the image list control.
7. Write a VB program to find the currency conversion.
8. Program to compute cost of capital using Finance function.

9. Program to design advertisement copy using Image and Picture, File, Drive and Directory.
10. Program to prepare Capital Budget using Option Button and check box.
11. Design a form to link it with inventory management table from database.
12. Design a form using option button, combo box, and list box for preparing a supermarket bill.
13. Program to create customer database and prepare report using Flex Grid control and common control.
14. Program to create student database and prepare report using ADO control and common control.

Computer Application practical –IV
IV Semester Practical List (Java & HTML)

(There is No University Practical Examinations)
Practical classes should be conducted during the fourth semester

HTML

1. Using HTML, Creates a web page to show the information of a Departmental Store.
2. Using HTML, Prepare a Resume of your own.
3. Using HTML, Create a video clipping.
4. Using HTML, Create a style sheet with border definition and font attributes.
5. Introduce a new product to the market and create web advertising.
6. Create a web page for your department – by using font effects, filters and linking with in the page.

JAVA

7. Write a Java program to perform the following functions – sum, difference and product.
8. Write a Java program to calculate the Income Tax
9. Write a Java program to prepare budget.
10. Write a Java program for the properties of URL.
11. Write a Java Script program to calculate the Gross Profit and Net Profit using the Java Script Form Objects
12. Using Applets create a page for Arithmetic calculation.
