

Computer Lab - Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com (All Streams) CBCS Semester - I W.E.F.2016-17

INFORMATION TECHNOLOGY

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

MS DOS & Windows Operating System:

1. Create Directory – College
Sub Directory – Course
Sub Directory - Commerce and files in it – B.Com, B.A, B. Sc
2. Create a Directory - Market
Sub Directory – Vegetables and files tomato and potato – rename potato as Potatoes and delete the file potato
Sub Directory - Fruits and files mango and apple
3. Create a Directory – Subject
Sub Directory – Computers and file FIT – Create a Copy as Information Technology.
4. DOS- Commands (Internal & External)
5. DOS- using wild card characters
6. Windows – Control Panel - Using multiple windows - Customizing the Desktop

MS POWERPOINT:

7. Create 6 Slides using different slide layouts - describing about your College.
8. Create 4 Slides on annual day of your college and perform the following:
 - Give Header and Footer
 - Give Background Color
 - Insert Picture from Clip Art
 - Insert Slide Numbers
9. Create 5 Slides on “Importance of Computers” and apply Design Templates
10. Create 5 Slides on “No Smoking” and apply different Slide Transitions for all the slides.
11. Create 5 Slides on “Polio immunization” and execute the following by using Action Buttons for all the slides to link them
 - a. Link first slide with the third
 - b. Link second slide with fifth
 - c. Link third slide with fourth
12. Create 4 Slides on “Traffic Rules” and apply different Custom Animation Schemes

13. Create 5 Slides on “Syllabus structure” using different slide layouts and show only 3 slides (without using Delete option)

14 Create 3 Slides on “Plant tress and protect Nature” and each slide should have a Comment.

15 Create two files on “Clean & Green” and “No Smoking” in MS PowerPoint and hyperlink them with each other.

16 Create 2 Slides on “Traffic Rules” and on “Avoid Cell Phone Driving” duplicate the first slide four times and delete one of the Duplicated slide.

17 Create 5 slides on “Students are future citizens of our country” using different Formatting options and show them in Slide Sorter View.

MS WORD:

18. Using Mail Merge, write a letter inviting 5 friends to your Birthday Party.

19. Type the following matter

Features of Computers (underline, caps, bold, font size=18)

Accuracy

Speed

Efficiency

Multi-tasking

Give numbers to the above features and Background as Pink

20. Create a Macro Program with your own data and run it.

21. Create a document and insert Page Numbers, Date and Time and a Picture.

22. “Indian Economy is growing faster” – type it and insert a comment for the word “Economy”.

23. Create a document and give Footnotes.

24. Create files on “Leave Letter” and “Love Letter” and apply different Themes.

25. Create a Table containing student’s marks and sort in ascending order.

26. Create a Table in word file and apply Auto Formatting.

27. Insert 4 Bookmarks in a file and use Go To Bookmark option.

MS EXCEL:

28. Apply Auto formatting for the following Table and find total by using Auto Sum option.

Roll No	Name	QT	FIT	IOM
101	Radhika	50	90	80
102	Sarika	60	80	60
103	Geethika	50	70	75
104	Bhoomika	80	60	80
105	Karthika	84	57	84

29. The following are the marks obtained by the students of B.Com in three subjects:

Roll No	Name	QT	FIT	Accounts
1011	Pravalika	50	90	80
1012	Aryaman	40	80	60
1013	Akrosh	38	70	75
1014	Prajaktha	80	60	68
1015	Trisha	84	57	84

Using Conditional Formatting list out students who scored

a) Less than 50 in QT b) More than 65 in FIT c) Between 60 and 80 in Accounts.

30. The following are the marks obtained by the students in three different subjects. Draw a Bar Diagram:

Roll No	Name	QT	FIT	Accounts
1011	Pravalika	50	90	80
1012	Aryaman	40	80	60
1013	Akrosh	38	70	75
1014	Prajaktha	80	60	68
1015	Trisha	84	57	84

31. Type the following table and find out the total marks and average obtained by each student:

Roll No	Name	Economics	Banking	Marketing
1	Ajay	50	90	80
2	Vijay	40	80	60
3	Arnay	38	70	75
4	Prathista	80	60	68
5	Bhoomi	84	57	84

32. From the table given below, reduce the total expenditure to Rs.16000 by reducing sales department's expenditure by applying Goal seek.

Department	Expenditure Rs.
Production	4000
Sales	6000
Marketing	3000
Finance	5000
Total Expenditure	18000

33. Principal Amount: 2, 00,000

Rate of interest : 5%

Time period : 10 years

Amount to be paid: ?

From the above, calculate the amount payable per annum and also show the effect on amount by changing: a) Rate of Interest to 3% and 8%; b) Time period to 5 Years and 3 Years.

34. Employee Name	Department	Salary Rs.
A	Sales	3000
B	Accounts	4000
C	Marketing	5000
D	Sales	6000
E	Accounts	4000
F	Marketing	8000

Obtain Department-wise Subtotals.

35. Employee Name	Department	Salary Rs.
A	Sales	3000
B	Accounts	4000
C	Marketing	5000
D	Sales	6000
E	Accounts	4000
F	Marketing	8000

Prepare Pivot Table.

36 (A). The following are the salaries of five employees:

Pay Roll No	Name	Salary Rs.	Part time Rs.	Accounts
1011	Prasanna	10000	900	1800
1012	Anitha	24000	800	1600
1013	Ravi	18000	700	1700
1014	Saritha	15000	600	1600
1015	Mallika	17000	500	1800

Using Conditional Formatting, list out employees who got

- a) Less than Rs. 15000 as salary b) More than Rs. 700 as Part time
 c) Between Rs. 1600 and Rs. 1800 as Arrears.

37. (B) The following are the marks obtained by the students in three different subjects. Draw a Pie Diagram:

Roll No	Name	QT	FIT	IOM
101	Radhika	50	90	80
102	Sarika	60	80	60
103	Geethika	50	70	75
104	Bhoomika	80	60	80
105	Karthika	84	57	84

INTERNET:

38. Download a File on “Internet” from a website by using a search engine.
39. Select two electronics items by e-shopping.
40. Book Online Tickets to Chennai.
41. Using Search Engine, download information on Benefits of Yoga.
42. Open an email account in your names as Rohit in gmail/yahoomail/hotmail.
43. Write e-mail to Pradip by marking a blind copy to Priya.
44. Download information about greatness of Himalayas for tourism interest.
45. Create an electronic greeting card with personal remarks and pictures.
46. Write a congratulating letter to your friend on his promotion using emotions.
47. Download research articles on “Information technology Applications” and save as doc. Files.
48. Download two image file relating to E-commerce
49. Search & download two audio files relating to information technology
50. Download PDF file for IT securities

Computer Lab - Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

MANAGEMENT INFORMATION SYSTEM PRACTICAL QUESTION BANK

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

MS ACCESS:

1. Create a Student Table in MS-Access with the following features:
 - a. Roll Number
 - b. Student Name
 - c. Class
 - d. Marks in Subject 1, Subject 2, Subject 3
 - e. Total
 - f. Average
 - g. Result
2. Create a Personal Information table in MS-Access with the following fields:
 - a. First Name
 - b. Middle Name
 - c. Last Name
 - d. Nationality
 - e. Gender
 - f. Temporary Address
 - g. Permanent Address. Generate a Form and Report.
3. Create an Inventory table in MS-Access with fields:
 - a. Product ID
 - b. Product Name
 - c. Product Quantity
 - d. Product Price
4. Create a database 'College' and table 'Student'. The following are the details of the table:

Number	Fname	Lname	Address	Home phone	Joining date
101	Ram	Prasad	11-1-963/A, Banjara Hills, Hyderabad	040-23343256	02/06/2016
102	Shyam	Singh	12-1-254/B, Sultan Bazar, Hyderabad	040-23345679	05/06/2016
103	Ankur	Agrawal	11-2-667/A, Vidhya Nagar, Hyderabad	040-23358796	03/06/2016
104	Ramesh	Sharma	10-2-340, Road No.12, Banjara Hills, Hyderabad	040-23389745	04/06/2016
105	Harish	Shekhawat	15-4-633/A, Begum Bazar, Hyderabad	040-23356486	02/06/2016

5. Create a database 'Student'. Also create table 'studtable' and execute the following queries

SRollno	Sname	English	SL	FA-I	BE	BOM	IT
101	Rajendra	75	85	90	85	86	90
102	Arvind	88	75	95	80	82	85
103	Krishna	89	77	82	78	82	86
104	Harish	75	72	70	65	60	77
105	Rajesh	86	85	81	80	89	90

- Sort the data by Sname.
- Calculate Total Marks of Individual Students.
- Calculate Percentage Marks of Individual Student.

6. Create a database 'Student1'. Also create table 'stdtable' and execute the following queries

SRollno	Sname	English	SL	FA-I	BE	BOM	IT
101	Rajendra	75	85	90	85	86	90
102	Arvind	88	75	95	80	82	85
103	Krishna	50	52	58	50	53	54
104	Harish	52	55	51	56	57	59
105	Rajesh	86	85	81	80	89	90

- Display all Students who got ≥ 80 Marks in Any Subject.
- Display all Students who got $\geq 80\%$ Marks in Total.
- Display all Students who got $\leq 60\%$ Marks in Total.

7. Create a database 'Student2'. Also create table 'stdmarks' and execute the following queries

SRollno	Sname	English	SL	FA	BE	BOM	FIT
101	Rajendra	22		23	20	23	20
102	Arvind	20	21	20	23	20	20
103	Krishna	50	52	58	50	53	54
104	Harish	52	55	51	56	57	59
105	Rajesh	86	85	81	80	89	90

- Display All the students who got < 25 in individual subject.
- Display all the students who are Failed in individual Subject.
- Increase marks by adding 5 marks whose marks are < 25 .

8. Create a database 'Student3'. Also create table 'stdmarks1' and execute the following queries

SRollno	Sname	English	SL	FA	BE	BOM	FIT
101	Rajendra	90	95	92	90	88	90
102	Arvind	48	52	48	50	53	54
103	Krishna	85	88	89	85	95	90
104	Harish	12	10	15	12	10	15
105	Rajesh	60	66	75	77	65	79

- Update table by adding Grade as per the following:-
 - Total %age $\geq 90\%$ Grade "E"

- ii. Total %age $\geq 75\%$ Grade "A"
- iii. Total %age $\geq 60\%$ Grade "B"
- iv. Total %age $\geq 50\%$ Grade "C"
- v. Total %age $\geq 36\%$ Grade "D"
- vi. Total %age $< 36\%$ Grade "F"

9. Create 'Employee' database and table 'Emp'

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

- a) Calculate DA as 40% of Basic Salary.
- b) Calculate Hra as 15% of Basic Salary.
- c) Calculate PF as 12.67% of Basic Salary
- d) Calculate Gross Pay = Basic Salary + DA + HRA
- e) Calculate Net Pay = Gross Pay – PF.

10. Create 'Employee1' database and table 'Emp1'

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

- a) List all the Employees Who are working in Dept no.10
- b) List all the Employees who get less than 20000 Salary.

11. Create 'Employee2' database and table 'Emp2'

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

- a) Update Salary by adding the increments as per the following:-
- 10% Increment in Basic Salary who get < 20000
 - 5% Increment in Basic Salary who get >20000.

12. Create 'Employee3' database and table 'Emp3'

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

Generate the query to find out the following:-

- Total Salary paid by the Company to Employees
- Maximum Salary paid by the Company to Employees
- Minimum Salary paid by the Company to Employees

13. In the following table find out the Followings:

- All the Department Nos and Employees Names.
- All the Employees who joined in year 2001.

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

14. Create 'Course' database and 'Coursedtl' table having following records:-

SRollno	Sname	Course	Section	Medium	College	Total Fees
101	Rajendra	B.Com	General	English	ABC	5500
102	Arvind	B.Com	General	English	PQR	15000
103	Krishna	B.Com	General	Telugu	ABC	5500
104	Harish	B.Com	General	Telugu	PQR	7500
105	Rajesh	B.Com	Computers	English	ABC	15000
106	Harish	B.Com	Computers	English	PQR	25000

- Prepare the report to display lowest course fees with college name.
- Prepare the Report to display all students who are pursuing B.Com(Computers).

15. In the following table generate the queries for the followings:-

- Display the Course and College having Lowest Course Fees.
- Display all the courses pursuing by the PQR College.

SRollno	Sname	Course	Section	Medium	College	Total Fees
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101	Rajendra	B.Com	General	English	ABC	5500
102	Arvind	B.Com	General	English	PQR	15000
103	Krishna	B.Com	General	Telugu	ABC	5500
104	Harish	B.Com	General	Telugu	PQR	7500
105	Rajesh	B.Com	Computers	English	ABC	15000
106	Harish	B.Com	Computers	English	PQR	25000

16. Create a Library Database of your college having following fields and enter atleast 30 records in it:-

Field Name	Description
BookCode	Primary Key
BookTitle	Subject Name
Publisher	Book Publisher Name
No.of.Copies	Quantity in one Invoice
No.ofPages	Total Pages in book
Edition	Book Printing Edition

17. From the College Library database find out the following:-

- Total no. of copies of books subject wise.
- A report displays all books group by Publisher.
- A report displays all books group by Book Title.
- A report displays all books group by Book Edition

18. Create the 'Order' database and a table "Orderdtl" having following records:-

Order No	Order Date	Order Item	Order Qty	Order Price	Client Code	Delivery Type	Order Status
1011	12/02/2015	LED Monitors	100	1500	1025	Road	Delivered
1012	25/02/2015	Printers	75	8500	1025	Road	Delivered
1013	25/03/2015	CPU	100	15000	1045	Road	Delivered
1014	31/03/2015	LED Monitors	75	6500	1045	Road	Not Delivered
1015	31/03/2015	CPU	75	18000	1025	Road	Not Delivered

Generate the following reports from the above table:-

- Display all the Order No. which have not been yet Delivered.
- Display all the Orders of LED Monitor and CPU.
- Display all the Orders of LED Monitor and CPU which are not have been delivered yet.

19. Create a 'Sales' Database and a table 'Salesdtl' having following fields and data:-

SalesNo.	Salesman Code	Salesman Name	Branch	Sale Amount
1011	101	Arvind	Jaipur	75000
1012	102	Ashok	Jaipur	80000
1013	103	Harish	Hyderabad	75000
1014	104	Manish	Hyderabad	65000

1015	105	Krish	Secunderabad	78000
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20. Generate the queries to find out the followings from the above 'Sales' Table:

- Total sale of all the Branches.
- Total sale group by Branches.
- Maximum sale of individual branch.
- Maximum sale in all branches.

21. Create an 'Stock' database having an 'Inventory' Table as per the followings:-

ProductCode	Product Name	Purchase Quantity	Purchase Price (Per Unit)
1011	CPU	200	15000
1012	Monitor	100	7500
1013	Printer	75	5500
1014	UPS	200	3500
1015	Speakers	200	250

22. Generate the following queries from the above 'Inventory' Table:-

- Item wise total purchase price.
- Display new purchase price after adding 15% increase in purchase price.
- Display new Purchase quantity after deducting 5% from the quantity

23. Create a 'Stock' database having 'Inventory' table:-

Item Code	Name of the Item	Opening Stock (In Qty)	Purchase (In Qty)	Sales (In Qty)
1011	CPU	200	150	300
1012	Monitor	100	100	150
1013	Printer	75	150	125
1014	UPS	200	300	400
1015	Speakers	200	250	350

Generate the following queries from the above table:-

- Calculate the closing stock of each item (Closing Stock = Opening Stock + Purchase – Sales)
- Display all the Items which has closing stock < 100
- If closing stock is less than 100 then set the remark as "Re-Order Level" otherwise "Enough Stock".

24. Create a database 'Student2'. Also create table 'stdmarks' and execute the following queries

SRollno	Sname	English	SL	FA	BE	BOM	FIT
101	Rajendra	22	20	23	20	23	20
102	Arvind	20	21	20	23	20	20
103	Krishna	50	52	58	50	53	54
104	Harish	52	55	51	56	57	59

105	Rajesh	86	85	81	80	89	90
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- Display All the students who got <25 in individual subject.
- Display all the students who are Failed in individual Subject.
- Increase marks by adding 5 marks whose marks are <25.

25. Create a Personal Information table in MS-Access with the following fields:

- First Name
- Middle Name
- Last Name
- Nationality
- Gender
- Temporary Address
- Permanent Address. Generate a Form and Report.

26. Create a table (student) in access with (name,fathername,gender,DOB,phno,address) . insert 10 records.

27. Create a FEE table in access with (name,category,course/group,year, fees,)insert 10 records . add new column concession. Write a query to calculate concession.
 calculate concession=fee*20/100; when category is NCC/NSS/GIRL

28. Create a table (person) in access with name,phno email-id and address . insert 10 records.
 Create a query to display email id,phno and address when user gives name.

29. Create a SALES table in access with (ID,productname,quantity,salesrate,commission,tax)insert 10 records . add new column affiliate earnings. Write a query to calculate affiliate earnings.
 calculate affiliate earnings=(quantity*salesrate)+commission-tax.

30. Create a database Club and table Member. The following are the details of the table.

Number	Fname	Lname	Address	Home phone	Joining date
S1465T	Jone	Johnson	1234 Country Club Texas	(713)-555-7890	01-02-04
J1050S	Bill	Smith	1112 Peter Avenue Texas	(713)-556-6556	30-11-04
S1300T	Lisa	Stanley	985 Venton Circle Texas	(713)-558-1227	11-11-04

31. Create a employee database and table 'emp'.

Emp.No	Ename	Job	DOJ	Basic	Deptno	Sex	Due prom
101	Ajya	Clerk	17-12-01	6000	20	Male	
102	Arvind	Salesmen	20-02-02	5000	30	Male	
103	Rahul	Salesmen	22-03-01	5500	20	Male	
104	Rehman	Manager	01-04-01	12000	40	Male	
105	Sahil	Manager	20-09-02	11500	10	Male	

32. Create a database 'Student'. Also Create table 'stdtable' & execute the following.

SRoll no	Sname	Class	State	DOB	Marks	Grade
101	Raj	B.Com-I	AP	21-09-82	80	A
105	Ram	B.Com-II	MP	31-08-81	70	B
104	Rakesh	B.Com-III	UP	30-06-80	90	A
103	Ramesh	B.Com-II	AP	25-07-82	38	C
105	Rajesh	B.Com-I	MP	02-02-83	45	C

- Sort the data by SRoll no.
- Display SRoll no., Sname, State and Marks where marks > 80.
- Display SRoll no., Sname, State and Marks where Grade = A.

33. create 'employee database and table 'emp' create a Report.

Emp.No	Ename	Job	DOJ	Basic	Deptno	Sex	Due prom
101	Ajya	Clerk	17-12-01	6000	20	Male	
102	Arvind	Salesmen	20-02-02	5000	30	Male	
103	Rahul	Salesmen	22-03-01	5500	20	Male	
104	Rehman	Manager	01-04-01	12000	40	Male	
105	Sahil	Manager	20-09-02	11500	10	Male	

34. create a database 'Library' and create a table 'Books' and execute the queries given below:

Author Lname	Author Fname	Book title	Book type	Year of publication
Gupta	Sharma	Management Accounting	Accounting	2002
Nain	Patel	Financial	Accounting	2000
Reddy	Ram	Corporate accounting	Accounting	1990

- Display Book title, Book type, author name where author = Ram and book type = Accounting.
- Display Author Fname, Book type year of publication where year above 2000.

35. Create Business table by using Design Wizard with year own data (atleast 6 fields and 10 records)

36. Create Personal table by using Design Wizard with your own data (atleast 6 fields and 10 records)

37. Create 'Student database table 'and also create a Report .

SRoll no	Sname	Class	State	DOB	Marks	Grade
101	Raj	B.Com-I	AP	21-09-82	80	A
105	Ram	B.Com-II	MP	31-08-81	70	B
104	Rakesh	B.Com-III	UP	30-06-80	90	A
103	Ramesh	B.Com-II	AP	25-07-82	38	C

105	Rajesh	B.Com-I	MP	02-02-83	45	C
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38. Create 'Student database table' and also create a Report .

SRoll no	Sname	Class	State	DOB	Marks	Grade
1	Rajesh	B.Com-I	AP	21-09-84	81	A
2	Ramesh	B.Com-II	MP	31-08-85	72	B
3	Rakesh	B.Com-III	UP	30-06-89	90	A
4	Suresh	B.Com-II	AP	25-07-82	36	B
5	Vignesh	B.Com-I	MP	02-02-83	45	C

39. Create a employee database and Create a Report .

Emp.No	Ename	Job	DOJ	Basic	Deptno	Sex
101	Ajya	Clerk	17-12-01	6000	20	Male
102	Arvind	Salesmen	20-02-02	5000	30	Male
103	Rahul	Salesmen	22-03-01	5500	20	Male
104	Rehman	Manager	01-04-01	12000	40	Male
105	Sahil	Manager	20-09-02	11500	10	Male

40. Create table textbook with the following fields. Insert 10 records.
 Book title, author name, publication name, quantity, price.
 Create query to display the books of information technology,
 Create query to display the books of Himalaya publications.
41. Create a table student with the following fields(rno, name, fa marks, be marks, it marks, total and average). Insert 10 records, calculate total = fa+be+it. Average = total/ no of subjects.
 Create a query to display all information of student who secured >75 marks in IT subject.
 Create a query to display name, total and average who's average is > 80.
42. Create a table employ with (idno, name, job, age, salary). Insert 10 records.
 Create a query to display the information of all managers.
 Create a query to display the names of employs who's salary is >15000.
43. Create a report for the student table with rno, name, fa, be, it total and average.
44. From the College Library database find out the following:-
 a. Total no. of copies of books subject wise.
 b. A report displays all books group by Publisher.
 c. A report displays all books group by Book Title.
 d. A report displays all books group by Book Edition

45. Create a 'Stock' database having 'Inventory' table:-

Item Code	Name of the Item	Opening Stock (In Qty)	Purchase (In Qty)	Sales (In Qty)
1011	CPU	200	150	300
1012	Monitor	100	100	150
1013	Printer	75	150	125
1014	UPS	200	300	400
1015	Speakers	200	250	350

Generate the following queries from the above table:-

- Calculate the closing stock of each item (Closing Stock = Opening Stock + Purchase – Sales)
- Display all the Items which has closing stock < 100
- If closing stock is less than 100 then set the remark as “Re-Order Level” otherwise “Enough Stock”.

46. Create a FEE table in access with (name,category,course/group,year, fees,)insert 10 records . add new column concession. Write a query to calculate concession.
 calculate concession=fee*20/100; when category is NCC/NSS/GIRL

47. Create a database 'Student'. Also Create table 'stdtable' & execute the following.

SRoll no	Sname	Class	State	DOB	Marks	Grade
101	Raj	B.Com-I	AP	21-09-82	80	A
105	Ram	B.Com-II	MP	31-08-81	70	B
104	Rakesh	B.Com-III	UP	30-06-80	90	A
103	Ramesh	B.Com-IV	AP	25-07-82	38	C
105	Rajesh	B.Com-I	MP	02-02-83	45	C

- Sort the data by SRoll no.
- Display SRoll no., Sname, State and Marks where marks > 80.
- Display SRoll no., Sname, State and Marks where Grade = A.

48. In the following table find out the Followings:

- All the Department Nos and Employees Names.
- All the Employees who joined in year 2001.

Empno	Ename	Designation	Deptno	DOJ	Basic Salary
101	Ajay	Manager	10	12/12/2001	25000
102	Arvind	Dy. Manager	40	20/02/2002	20000
103	Rahul	Programmer	20	22/03/2001	18000
104	Hari	Mktg. Officer	40	01/04/2001	15000
105	Sahil	Accountant	10	20-09-2000	12000

49. Create a Library Database of your college having following fields and enter atleast 30 records in it:-

Field Name	Description
BookCode	Primary Key
BookTitle	Subject Name
Publisher	Book Publisher Name
No.of.Copies	Quantity in one Invoice
No.ofPages	Total Pages in book
Edition	Book Printing Edition

50. From the College Library database find out the following:-

- Total no. of copies of books subject wise.
- A report displays all books group by Publisher.
- A report displays all books group by Book Title.
- A report displays all books group by Book Edition

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Computer Lab - Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com II Sem w.e.f.2016-17

RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS)
Paper No.207

Time: 60 Minutes

Record : 10
Skill Test : 15
Total Marks : 25

1. Create Table Student with the following fields (StudentNumber, StudentName, DBMS , Ecommerce , FIT, WebProgramming)

- i) Insert five records.
- ii) calculate total by adding a total column.
- iii) calculate average by adding a average column.

2. Create Table Student with the following fields (StudentNumber, StudentName, DBMS , Ecommerce, FIT , C, WP)

- i) insert five records.
- ii) increase 10 marks in dbms for all students who got less than 50 in dbms.
- iii) List the details of student in ascending order of their name.

3. Create Table Student with the following fields (StudentNumber, StudentName, DBMS , ECommerce, FIT, C, WP)

- i) insert 5 records.
- ii) calculate percentage by adding a percentage column.
- iii) list the student's name and number who have failed.

4. Create Table Student with the following fields (StudentNumber, StudentName, Hindi , English, English. Economics, computer , total, average)

- i) insert 5 records.
- ii) increase 7% marks for all whose average is less than 80.
- iii) create a remark column with data according to the following:
 - a) Average ≥ 60 (first)
 - b) Average ≥ 50 & < 60 (second)
 - c) Average ≥ 40 & < 50 (third)

5. Create Table emp with the following fields (EmpNo , EmpName, Job , Salary , Dept , Comm , DateOfJoining) EmpNo should be primary key.

- i) Insert 5 records.
- ii) increase salary of for all the employees by Rs 1000/- whose salary less than Rs6,000.
- iii) List the employee details with highest salary.

6. Create table employee with the following fields (EmpNo , Name , Basic , DA , HRA , Net Salary)

- i) **Insert five records.**
- ii) Calculate DA -25% of basic ,
- iii) Calculate HRA - 45% of basic ,
- iv) Calculate net salary

7. Create table Emp_detail with the following fields (EmpNo , Name ,Department , Net Salary)

- i) Insert Five records
- ii) Display all employee details who work in 'sales' department.
- iii) Calculate annual_salary by adding a column.

8. Create table Emp with the following fields (EmpNo (PK), Name ,Department ,Job_Desig, Net Salary)

- i) Insert Five records
- ii) Display all employee details who Job_desig=Accountant.
- iii) Display the names of employee whose annual salary is more than 3 lacs

9. Create table Employee with the following fields (EmpNo (PK), Name ,Department ,Job_Desig, Net Salary)

- i) Insert Five records
- ii) Calculate annual_salary by adding a column .
- iii) Delete all employee whose annual_salary is more than 500000

10. Create table supplier with the following fields (S_NO (PK) ,SNAME, SCITY, TURNOVER)

- i) Insert Five records
- ii) Display supplier details for all suppliers with more than 75000 turnover
- iii) Get the details of the supplier who operate from Hyderabad with turnover > 50000

11. Create table supplier with the following fields (S_NO (PK) ,SNAME, SCITY, TURNOVER)

- i) Insert Five records
- ii) Get the supplier table in descending order of turnover
- iii) Get the total number of suppliers
- iv) Get the supplier details whose turnover is between 25000 and 35000

12. Create table supplier with the following fields (S_NO (PK) ,SNAME, SCITY, TURNOVER)

- i) Insert Five records
- ii) Get the supplier number of supplier who located Hyderabad
- iii) Get the names and cities of supplier whose names begin with 'C'

13. Create table supplier with the following fields (S_NO (PK) ,SNAME, SCITY, TURNOVER)

- i) Insert Five records
- ii) Increase the turnover by 10% for suppliers who operate from Hyderabad
- iii) change the city to 'Bangalore' for S_NO 109

14. Create table supplier with the following fields (S_NO (PK) ,SNAME, SCITY, TURNOVER)

- i) Insert Five records
- ii) Display the average turnover by suppliers in the city Hyderabad
- iii) Delete all rows from supplier where city is Kolkata

15. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price)

- i) Insert Five records
- ii) Calculate profit by adding a column
- iii) Display the details of product which Is sold in loss.

16. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

- i) Insert Five records
- ii) Display the product details whose selling_price is double the cost_price
- iii) Display the product details whose product_name starts with G and quantity is more then 200

17. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

- i) Insert Five records
- ii) Increase the cost and selling price for product_no 107 by 10%
- iii) Get product table in descending order on Quantity
- iv) Display the total quantity of products available.

18. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

- i) Insert Five records
- ii) Change the cost_price of 'Trousers' to 1000
- iii) delete all rows where quantity is greater than 100

19. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

- i) Insert Five records
- ii) Get the product details whose selling price is between 2000 to 5000
- iii) Increase quantity by 25% for all products whose cost price is less than Rs 250

20. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price, Quantity)

- i) Insert Five records
- ii) Get the product number that costs 200,300 or 400
- iii) Get the product details whose cost_price is maximum
- iv) Count all product whose cost_price is less than 100

21. Create table product with the following fields (ProductNo (pk), Product_name, Cost_price, Selling_price)

- i) Insert Five records
- ii) Calculate profit_percentage by adding a column
- iii) Get the total number of product in the table
- iv) Change the product_name by 'Cap' for productNo 10 and increase the selling price by 5%

22. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

- i) Insert Five records
- ii) List all client who are located in Timil Nadu state
- iii) Change the city of clientNo 'c005' to Mumbai

23. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

- i) Insert Five records
- ii) List the client details for all clients whose Bal_due is less than 5000
- iii) get the client table details in ascending order of Bal_due
- iv) Count the number of clients from the city Chennai

24. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

- i) Insert Five records
- ii) Change the bal_due for clientNo 1099
- iii) Delete all clients who are from the city New Delhi

25. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

- i) Insert Five records
- ii) Display the client details whose having the minimum bal_due
- iii) Display the total bal_due in the table
- iv) delete all clients who are from Maharashtra state

26. Create table client with the following fields (ClientNo (pk) , name, City, State, PinCode,Bal_Due)

- i) Insert Five records
- ii) Display all client details for all client whose name starts with M
- iii) delete the client tuples whose pin code is 713304
- iv) Increase the bal_due by 7% for all whose pin_code= 600013

27. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

- i) Insert Five records
- ii) Display all salesman details who fail to achieve targetamt
- iii) count the number of employee in each city

28. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

- i) Insert Five records
- ii) Increase the tagetamt for all by 10%
- iii) Delete all employee who fail to achieve targetamt

29. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

- i) Insert Five records
- ii) Increase the salesAmt by 12% for employee in the city Indore
- iii) change the city to Bhopal for salesmanNo 871

30. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

- i) Insert Five records
- ii) Count the employee who fail to achieve targetamt in the city raipur
- iii) get the salesman details in descending order of salesAmt.
- iv) List the Salesman details with Maximum SalesAmt.

31. Create table salesman with the following fields (SalesmanNo, name, Address, City, SalesAmt, targetAmt)

- i) Insert Five records
- ii) create a remark column with data according to the following:
 - a) TargetAmt \geq SalesAmt (VeryGood)
 - b) TargetAmt $<$ SalesAmt (Poor)
- iii) Change the City of salesmanNo 981 to Raipur

32) Create a Course table with the following fields
(Student Name, Course ,College ,College Address,,Principal Name ,Fee)

- i) Insert five records
- ii) Display the Maximum course fee along with the Course
- iii) Display the name of students, their college name, Principal name where the course is M.C.A..

33) Create a Course table with the following fields
(Student Name, Course ,College ,College Address,,Principal Name ,Fee)

- i) Insert five records
- ii) Count the number of courses taught in TechnoHitec College
- iii) Delete all records where college name is TechnoHitec

34. Create a Course table with the following fields
(Student Name, Course ,College ,College Address,,Principal Name ,Fee)

- i) Insert five records
- ii) get the course details in descending order of fee
- iii) List the college name whose course fee is greater than 20000 for MBA course.

35) Create a software table with the following fields
(softwarename , Cost, date of manufacture, date of expiry ,NO of copies)

- i) Insert five records
- ii) Display cost and date of manufacture for each software.
- iii) Add a column called software type and enter data into it .
- iv) Display the name of software in upper case .

36) Create a Faculty table with following fields

(Name , Specialization , Experience ,Age)

i) Insert five records

ii) Display the name in lower case

iii) Add a column called Grade

iv) If the experience is more than five years assign the grade as " A " else "B"

37) create table Loan with the following fields (LoanId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i) Insert five records

ii) calculate the Interest amount by adding a column

iii) List all the customer details whose Loan_amt > 800000

iv) Display the details of loan in descending order of Loan_amt

38) create table Loan with the following fields

(LoanId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i) Insert five records

ii) decrease rate_of_int by 2% for all loan amount > 700000

iii) Delete all tuples where cust_city is hubly

39) create table Loan with the following fields (LoanId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i) Insert five records

ii) Count number of people whose loan_amt exceeds 50000

iii) List the customer details who is having maximum Loan_amt

40) create table Loan with the following fields (LoanId, Cust_name, Cust_city, Cust_phone, Loan_amt, Rate_of_int)

i) Insert five records

ii) List all customer details whose loan amount is between 200000 and 500000

iii) Display the Loan details for all in the city hyderabad

41. create the table book with following details (bookid, author, title, price, quantity)

i) Insert five records

ii) Display the books of title rdbms

iii) delete all rows where author name is MattWall

42. create the table book with following details (bookid, author, title, price, quantity)

i) Insert five records

ii) Which title of book is having maximum quantity

iii) Increase the price all books by 10% whose author is Ramakrishna

43. create the table book with following details (bookid, author, title, price, quantity)

i) Insert five records

ii) Display the book with maximum price

iii) Change the title of bookid 955 to 'C Skills'

44. create the table book with following details (bookid, author, title, price, quantity)

- i) Insert five records
- ii) display the book details in ascending order for title
- iii) calculate total price by adding a column

45. create the table book with following details (bookid, author, title, price, quantity)

- i) Insert five records
- ii) Increase the quantity of all books of rdbms by 10%
- iii) calculate the total number of books.

46. create table purchase with the following details (orderid, productName, unit_price, quantity)

- i) Insert five records
- ii) Calculate total_price by adding a column
- iii) Which product is purchased in maximum quantity

47. create table purchase with the following details (orderid, productName, unit_price, quantity)

- i) Insert five records
- ii) increase unit_price by 5% for all products
- iii) display the product names whose unit_price is more than 440

48. create table purchase with the following details (orderid, productName, unit_price, quantity)

- i) Insert five records
- ii) Delete all records whose quantity is less than 5
- iii) increase the quantity by 15% for Productname Desks

49. create table purchase with the following details (orderid, productName, unit_price, quantity)

- i) Insert five records
- ii) Display the OrderId and Product name whose unit price is least
- iii) display the purchase detail in ascending order of product_name

50. create table purchase with the following details (orderid, productName, unit_price, quantity)

- i) Insert five records
- ii) Increase the unit price by Rs100/- for productName Chord
- iii) Which product is having the minimum quantity+

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FACULTY OF COMMERCE, OSMANIA UNIVERSITY**B.Com (CBCS) III – Semester (Computer/ Computer Applications)
Lab - Practical Question Bank**

PROGRAMMING WITH C – Practical Question Bank

Time: 60 Minutes

Record : 10
Skill Test : 15
Total Marks : 25

1. Write a C program to find the sum of first 10 even numbers.
2. Write a C program to check whether a given string is a Palindrome or not.
3. Write a C program to convert temperature from degree Centigrade to Fahrenheit.
4. Write a C program to display the factorial of a given number using for loop.
5. Write a C program to display days of a week using switch-case.
6. Write a C program to print all upper case and lower case alphabets.
7. Write a C program to display Fibonacci series.
8. Write a C program to add two dimensional matrices.
9. Write a C program to search for a given element in an array using Linear search.
10. Write a C program to find the sum of digits of a given number.
11. Write a C program to find the average marks obtained by a student taking any 3 subject marks as input.
12. Write a C program to find the largest element in a given array of elements.
13. Write a C program to reverse a given number.
14. Write a C program to check whether a given year is a Leap year or not.
15. Write a C program to find the square of a number using a user-defined function.
16. Write a C program to check whether a number is even or odd using switch-case.
17. Write a C program to check whether the given number is a Perfect number or not.
18. Write a C program to display the Factorial of a given number using while loop.
19. Write a C program to check whether the given number is Armstrong or not.
20. Write a C program to check whether a number is Prime or not.
21. Write a C program to find Factorial of a given number using recursion.
22. Write a C program to concatenate two strings using string functions.

23. Write a C program to demonstrate any 5 mathematical functions.
24. Write a C program to swap two numbers using call-by-reference method.
25. Write a C program to display first n natural numbers.
26. Write a C program to add two numbers using pointers.
27. Write a C program to display Prime numbers from 1 to n.
28. Write a C program to find the GCD of two numbers.
29. Write a C program to count the number of vowels in a given string.
30. Write a C program to reverse a given string using recursion.
31. Write a C program to check whether two strings are equal or not using string functions.
32. Write a C program to multiply two dimensional matrices
33. Write a C program to find the biggest of 3 given numbers.
34. Write a C program to display the length and reverse of a string using string functions.
35. Write a C program to display whether a number is even or odd using conditional operator.
36. Write a C program to find the sum and average marks of 10 students stored in an array.
37. Write a C program to accept and display the details of an employee using structures.
38. Write a C program to search for a given element in an array using binary search.
39. Write a C program to find the area and circumference of a circle.
40. Write a C program to display length of a string using pointers.
41. Write a C program to find the transpose of a given matrix.
42. Write a C program to find the sum of the series $1^2 + 2^2 + 3^2 + \dots + n^2$
43. Write a C program to display elements in a given array using pointers.
44. Write a C program to generate the multiplication table of a given number.
45. Write a C program to find the roots of a quadratic equation.
46. Write a C program to find the number of characters, words, and lines in a given text.
47. Write a C program to check whether a given triangle is equilateral or isosceles or scalene.
48. Write a C program to calculate Simple and Compound interest.
49. Write a C program to swap two numbers without using a third variable.
50. Write a C program to find the largest of 2 numbers using a user-defined function.

FACULTY OF COMMERCE, OSMANIA UNIVERSITY**B.Com (Honours) (CBCS) III – Semester
Lab - Practical Question Bank**

MANAGEMENT INFORMATION SYSTEMS – Practical Question Bank

Time: 60 Minutes

Record : 10
Skill Test : 15
Total Marks : 25

1. Create a database named “College.mdb” and perform the following tasks: (For questions 1 to 10)

Create a table named “StudentInfo” having following table structure.

Fieldname	Datatype	Description
Rno	Text	Primary Key
Name	Text	
DOB	Date/time	
Gender	Text	M / F
Class	Text	BCOM
Section	Text	GEN/HONOURS

1. Insert at least 10 records and display the records in ascending order of their Name's.
2. Prepare a query to display all the fields.
3. Prepare a query to display only Rno, Name fields
4. Prepare a query to display all records in ascending order of the names.
5. Prepare a form for the above table and insert 5 records through the form.
6. Prepare a report consisting of the fields Rno, Name, Class.
7. Display all the student details where gender is “M”.
8. Prepare a query to display all records where the name begins with “A”.
9. Display the students studying under HONOURS section.
10. Display the students studying under GEN section.

2. Create a database named “Library.mdb” and perform the following tasks: (For questions from 11 to 20)

Create a table named “Books” having following structure:

Fieldname	Datatype	Description
BookId	Text	Primary Key
BookName	Text	
Author	Text	
Year	Date/Time	
Publisher	Text	TMH/OXFORD
Price	Currency	
Remarks	Memo	

11. Insert at least 10 records and display the records in descending order of their price.
12. Prepare a query to display only fields including BookName, Author and Publisher name. Save the query as “MyQuery”.
13. Prepare a query to display all records where the price of the book is more than 500.
14. Prepare a form for the table.
15. Insert 5 records through the form.
16. Display the records whose publisher is ‘TMH’
17. Sort the records in the ascending order of the Price.
18. Display the records in the ascending order of the Year published.
19. Generate a report consisting of the fields BookId, BookName, Author.
20. Delete the records whose publisher is “TMH”.

3. Create a database named “Employee.mdb” and perform the following tasks:

(For questions from 21 to 30)

Create a table named “EmpSalaryTable” having following structure:

Fieldname	Datatype	Description
EmployeeId	Text	Primary Key
EmployeeName	Text	
BasicSalary	Currency	
DA	Currency	
HRA	Currency	
TA	Currency	
PF	Currency	
GrossSalary	Currency	
NetSalary	Currency	

21. Insert at least 10 records into the EmployeeId, EmployeeName fields and display the records in ascending order of EmployeeName's.
22. Prepare a query to Calculate the DA as 30% of BasicSalary.
23. Prepare a query to Calculate the HRA as 20% of BasicSalary.
24. Prepare a query to Calculate the TA as 10% of BasicSalary.
25. Prepare a query to Calculate the GrossSalary as BasicSalary+DA+TA+HRA.
26. Prepare a Query to Calculate the PF as 12% of BasicSalary.
27. Prepare a Query to Calculate the NetSalary as GrossSalary-PF.
28. Sort the employee details in the increasing order of NetSalary.
29. Generate a form to display the details of all the employees.
30. Generate a report to display the fields EmployeeId, EmployeeName, BasicSalary, GrossSalary and NetSalary.

4. Create a database named “Marks.mdb” and perform the following tasks:(for questions from 31 to 40)

Create a table named “StdMarksTable” having following structure:

Fieldname	Datatype	Description
StudentId	Text	Primary Key
StudentName	Text	
Marks1	Number	
Marks2	Number	
Marks3	Number	
Total	Number	
Average	Number	
Result	Number	Pass/Fail

31. Insert at least 10 records and display the records in ascending order of their StudentName's.
32. Display the student details in the decreasing order of Marks1.
33. Prepare a query to Calculate the Total as sum of Marks1, Marks2, Marks3.
34. Prepare a query to Calculate the Average.
35. Prepare a query to Calculate the Result taking your own criteria.
36. Prepare a Query to display the fields StudentId, Total, Average, Result.
37. Prepare a Query to display all the students in the ascending order of their names.
38. Sort the students in the ascending order of their totals.
39. Generate a form to display the details of all the students.
40. Generate a report to display the students details who have passed.

5. Create a database named “CustOrders.mdb” and perform the following tasks:(for questions from 41 to50)

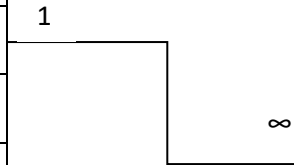
Create a tables with the following structure

Table name : “CustomerTable”

Fieldname	Datatype	Description
CustomerId	Text	Primary Key
FirstName	Text	
LastName	Text	
Street	Text	
City	Text	
Zipcode	Text	
Email	Text	
Phone	Text	

Table name : “OrdersTable”

Fieldname	Datatype	Description
OrderId	Text	Primary Key
CustomerId	Text	
Price	Number	
OrderDate	Date/time	
Qty	Number	



41. Create the tables with the above mentioned structure.
42. Insert atleast 5 records in CustomeTable.
43. Create a query to display all the fields in CustomerTable
44. Create a one to many relationship between the two tables.
45. Insert atleast 10 records in the OrdersTable
46. Prepare a query to display the fields Id, FirstName, LastName,, Phone from the CustomerTable
47. Prepare a query to display all the fields in the OrdersTable
48. Prepare a query to display the fields Id, FirstName, LastName, OrderId, Qty from the two tables.
49. Prepare a query to display the fields OrderID, CustomerID, Qty from OrdersTable where Qty> 10.
50. Prepare a query to display all the customers whose FirstName begins with the character ‘A’.

B.Com V-Semester (Computer and Computer Applications)

Computer Lab-Question Bank

Excel Foundation

Time: 60 Minutes

Record: 10

 Skill Test: 15

 Total: 25

 1. Create a Student table(5 Records) with appropriate *Number formatting*:

- | | | | |
|----------------|----------------------|--------------|-------------------|
| i) Roll Number | ii) Name | iii) Class | iv) Date of birth |
| v) % of Marks | vi) Fees paid in INR | vii) Remarks | |

 Use five *data entry techniques* while creating the table

 2. Create a Student table with appropriate *Data Validation criteria* with the following columns:

- | | | | |
|----------------|----------|--------------------|----------------|
| i) Roll Number | ii) Name | iii) Sale Quantity | iv) Sale Value |
| v) Commission | | | |

- Sale Quantity and Value should be in whole numbers
- Commission is 8% of Sale value and be in two Decimals
- Sale value column should accept only values from 5000

3. Construct a table of a student with the following:

Paper	% Marks	Grade Letter	Grade Point
I	90		
II	80		
III	50		
IV	40		
V	65		

Use appropriate function to choose the Grade Letter and Grade points basing on the following logic:

Range of % Marks	Grade Letter	Grade Point
85-100	O	10
70-84	A	9
60-69	B	8
55-59	C	7
50-54	D	6
40-49	E	5
Less than 40	F	0

4. Find out Semester Grade Point Average (SGPA) of a student for Semester I with the following:

PAPER	%Marks	CREDITS	GRADE POINT	GRADE LETTER	CREDIT POINTS
I	60	4	8		
II	50	4	6		
III	70	4	9		

a) Use appropriate function to choose the Grade Letter using a suitable logical function (Grade Letter for 60-69=B; 50-54=D; 70-84=A)

b) Credit Points=Credits x Grade point

c) SGPA=Total Credit points/Total Credits. Adjust to 2 decimals.

 d) No SGPA for F grade. www.FirstRanker.com

5. Find out Semester Grade Point Average (SGPA) of a student for Semester II with the following:

PAPER	%Marks	CREDITS	GRADE POINT	GRADE LETTER	CREDIT POINTS
I	70	4	9		
II	65	4	8		
III	70	4	9		

- a) Use appropriate function to choose the Grade Letter and Grade points
 (Grade Letter and Grade points for 60-69=B; 70-84=A)
 b) Credit Points=Credits x Grade point
 c) SGPA=Total Credit points/Total Credits. Adjust to 2 decimals.
 d) No SGPA for F grade

6. Find out Cumulative Grade Point Average (CGPA) of a student for Semesters I and II with the following:

Paper	SEM I			SEM II		
	Credits	Grade points	Credit points	Credits	Grade points	Credit points
I	4	8		4	9	
II	4	6		4	8	
III	4	9		4	9	
						CGPA=
						DIVISION=

- a) Credit points= Grade points x Credits
 b) CGPA= Total Credit points of **both** I and II Semesters/Total credits of **both** Semesters
 c) Find Division of the student:

Division	Range of CGPA
Distinction	9-10
First	8-8.99
Second	6-7.99
Pass	5.5-9.99

7. The following are the Marks obtained by Students in three subjects. Draw a **Bar** diagram with appropriate Design, Formatting options and Chart headings:

ROLL NO	NAME	S1	S2	S3
101	A	50	60	70
102	B	60	40	80
103	C	70	60	50
104	D	60	50	60
105	E	50	90	40

8. The following are the details of Expenditure. Draw a **Pie** diagram with appropriate Formatting options, including Percentages and Chart headings:

Expenditure	Rs.
Food	10000
Rent	5000
Clothing	1000
Fees	4000

9. Execute the following:
- Change a Sheet Tab colour
 - Rearrange Worksheets
 - Hide a Worksheet
 - Compare sheets side-by-side
 - Use Find and Replace with an example
10. From the following table, select *Non-contiguous* cells having values 10,20,30 and calculate Total, Average and Multiplication, using *Define Name* concept:

Paper	S1	S2	S3
1	10	40	50
2	60	20	70
3	80	90	30
4	40	50	60

11. Add Sheet 1 values and Sheet 2 values with Sheet 3 values using *Multi Sheet Range* concept:

Sheet 1		Sheet 2		Sheet 3	
Roll No	Marks	Roll No	Marks	Roll No	Marks
1	10	1	100	1	50
2	20	2	200	2	60
3	30	3	300	3	70

12. Create the following table:

Roll No	Name	S1	S2	S3	Total
1	Sastry	50	60	70	
2	Prasad	80	90	100	
3	John	90	80	70	
4	Siva	60	50	40	
5	Satish	50	60	70	

From Total column:

- Copy only *Formula* and Paste in the next (Right) cell
- Copy only *Values* and Paste in the next cell
- Copy only *Formats* and Paste in the next cell
- Write a Comment in Total column of Roll No 4
- Copy only the *Comment* and Paste in the next cell

13. Create the following table and apply formatting options as mentioned:

Roll No	Name	S1	S2
1	A	90	90
2	B	100	99
4	C	90	90
3	D	95	95

- Resize the table to include one Row and one Column
- Apply any table style
- Sort the table on Roll No
- Select 'Header Row' table style
- Calculate Total and Average of each student

14. Derive Variances after comparing Total cost with Actuals:

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TASK	LABOUR		MATERIAL		TOTAL VARIABLE COST	SEMI FIXED COST	TOTAL COST	ACTUALS	VARIANCES
	HOURS	RATE	UNITS	RATE					
1	10	100	20	200				4000	
2	20	100	40	200				12000	
3	20	200	20	400				12000	

- i) Semi-FC is 20% of Total TVC if TVC is upto Rs.10000
 ii) 40% if Total TVC if TVC is above Rs.10000

15. Calculate Total, Average and Result of the following:

ROLL NO	NAME	MARKS			TOTAL	AVERAGE	RESULT
		S1	S2	S3			
1	A	80	90	100			
2	B	60	70	20			
3	C	90	80	10			

- i) For Pass, every subject should be 40 or above marks
 ii) For Fail, any one subject be Less than 40

16 Prepare a Payroll with the following:

EMP ID	E.NAME	BASIC	DA	HRA	GROSS	PF	ESI	NET
101	A	1000						
102	B	2000						
103	C	3000						
104	D	2000						
105	E	5000						

- i) DA is 50% of Basic
 ii) HRA is Basic + DA
 iii) HRA is 15% of Basic
 iv) Gross pay=Basic+DA+HRA
 v) PF is 12% of Basic+DA
 vi) ESI is 5%
 vii) Net Pay= Gross-PF-ESI

16. Complete the following Income Statement for year 2017:

<u>I-REVENUE</u>	Rs. In Lakhs
Sales	2000
Services	200

Total	?

<u>II-EXPENSES</u>	
Salaries	300
Cost of Goods sold	400

Total Expenses	?

III-NIBT(Net Income Before Taxes)	?
(Total Revenue-Total Expenses)	
Income Tax	?

NET INCOME(NIBT-I Tax)	?

(income tax=NIBT upto 200=Nil; 201-400=10.12%, 400 above=20.24% on NIBT)

17. Create the following table of a class:

ROLL NO	NAME	MARKS
1	A	82
2	B	92
3	C	62
4	D	62
5	E	72

- Findout the topper of the class
- Findout the least scorer of the class
- Findout who got exactly 62 marks

18. Create the following Inventory table of Product No100 Product Name:Book:

DATE	OPENING	PURCHASES	ISSUES	CLOSING
1.1.2018	0	300	50	
10.1.2018		200	50	
20.1.2018		100	100	
31.1.2017		100	50	

- Findout each day's Closing balance
- Previous day Closing balance is next day Opening balance=system should reflect automatically
- An entry about destruction of Books numbering 20 on 25.1.2018 should be taken now

iv) If the unit value is Rs.100, what is the closing stock value as on 31.1.2018?

19. Create the following table:

ROLL NO	NAME	S1	S2	S3
1	A	80	60	70
2	B	60	70	80
3	C	40	40	30
4	D	60	50	40
5	E	50	60	70

Using Conditional Formatting highlight, who scored :

i) More than 50 in S1 ii) Less than 50 in S2 and iii) Between 50 and 70 in S3

20. Create the following table:

ROLL NO	NAME	MARKS			%	RESULT	DIVISION
		S1	S2	S3			
1	A	80	60	70			
2	B	60	70	80			
3	C	40	40	30			
4	D	60	50	40			
5	E	50	60	70			

- i) To declare 'Pass', to get ≥ 40 marks in *every* subject.
- ii) To declare 'Fail', to get < 40 in *any one* subject
- iii) Division is only for 'Pass' candidates

Division= Distinction above 90%
 First 80% - < 90%
 Second 60% - < 80%
 Pass 40% - < 60%
 '—' < 40%

21. Create Column chart for S1 and S3 only

ROLL NO	NAME	S1	S2	S3
1	A	80	60	70
2	B	60	70	80
3	C	40	40	30
4	D	60	50	40
5	E	50	60	70

22 Create the following table:

ROLL NO	NAME	S1	S2	S3
1	A	80	60	70
2	B	60	50	80
3	C	40	50	30
4	D	70	50	40
5	E	50	60	70

-
- i) Find out the Maximum score in S1, Minimum score in S2 and use Count S3
 - ii) Find out Median of S1 and S2 scores

22. Create a table with the following and Calculate Fees Concession:

ROLLNO	NAME	CATEGORY	%	FEE CONCESSION
1	Iyer	N	90	
2	Nair	D	60	
3	Nambiar	N	50	
4	Krishnan	D	70	
5	Ambal	G	40	

Concession Policy:

CATEGORY	%	CONCESSION
N	above 50	10%
D	above 50	20%
G	above 40	15%

- i) In all other cases there is NO concession.
- ii) Fees paid by each one of them is Rs.10000

23. Create the following table and calculate Incentive:

EMP ID	NAME	SALES(Rs)	INCENTIVE
101	A	10000	
102	B	20000	
103	C	10000	

Policy:

Sales between 10000-15000=5%
 >15000-<20000=6%
 >=20000-<30000=8%

24. Calculate *Annual* payment/instalment for a loan using an appropriate function:

Loan amount: Rs. 10,00,000

Years of repayment: 10 years

Rate of interest 10%

- a) If the payments are Monthly, instead of Annual, what is the instalment
- b) If the payments are quarterly, instead of Annual, what is the instalment
- c) If the rate of interest is changed to 15% on Annual payment basis, what is the instalment

24. Create a Pivot table with the following:

Days\Periods	I	II
III		
MON	ENG	
FA IT		
WED	ENG	
FA IT		
FRI	ENG	
FA IT		

Inter change the Rows into columns, using the Pivot table

25. Create a table showing the differences between VAT system and GST system. Find out the Manufacturer's invoice value:

Value to Manufacturer:

	Under VAT	Under GST
Production Cost	1000000	1000000
+ Profit (20%)		
+Excise duty (10%)		
=Total Production cost		
+ VAT (18%)		
+State GST (9%)		
+Central GST(9%)		
MANUFACTURER'S INVOICE VALUE		
-Excise duty and VAT apply to VAT system only		
-State and Central GST apply to GST system only		

26. Create a table of 5 records with your own data showing the following:

ROLLNO	NAME	S1	S2	TOTAL MKS	RESULT
--------	------	----	----	-----------	--------

27. Create a Pie chart basing on 5 records with your own data :

FOOD ITEM	EXPENDITURE
-----------	-------------

- % and Names of the expenditure should be displayed
- Change the colour of any one food expenditure

27. . Create a COLUMN chart basing on 5 records with your own data :

FOOD ITEM	EXPENDITURE
-----------	-------------

- Names of the expenditure should be displayed on each column
- Change the colour of any one food expenditure\item
- legend should be on left side

28. Create an Inventory Re-ordering Report with the following columns:

ITEM	STOCK (Kgs)	REMARKS
Steel	1000	
Iron	600	
Brass	500	

- In Remarks column mention "Reorder", if the Stock of any item goes below 600 Kgs
- If the stock is 600 or above mention Remark "No Need"

29 Create a Student Information Table with 5 records with your own data:

ROLLNO	NAME	PHONE	ADDRESS	DOB
--------	------	-------	---------	-----

Sort the table on Roll No and then by Name

30. Create a table and use any 5 Formatting options.

Move the table to Sheet 2

Rename the sheet

Add one column to the right and one row down to the table

Format as a Table.

31. The following are Sales figures of a company. Plot the figures in a **Line chart**:

YEAR:	2000	2001	2002	2003	2004	2005
SALES (Rs. In lakhs):	1000	1200	900	500	2000	1500

32. Set any 5 Page setup options/print options/sheet options for the following table with your own data for 5 records:

ROLL NO	MARKS
---------	-------

33. Create the following table:

ROLL NO	SUBJECT	MARKS
1	ECONOMICS	90
1	ECONOMICS	90
3	ACCOUNTS	90
2	ACCOUNTS	80
2	ACCOUNTS	80
4	ECONOMICS	50

I) Remove duplicate rows

II) Prepare Subject-wise Sub-Totals

34. Create the following table with own data:

ROLLNO	NAME
--------	------

i. Open a New Window containing current document

ii. View Side-by-Side

iii. Freeze top row

35. Find the following:

Amount to be received Rs.1000000

Rate of Interest 10%

Time 10 years

Amount to be invested at Present ?

i) If the rate of interest is 12% or 8%

ii) If the time period is 12 years or 8 years how much to be invested

36. Create the following table with your own data:

ROLLNO	S1	S2	TOTAL
--------	----	----	-------

- i) Total by using a Function
- ii) Using Paste Special perform the following:
 - a) copy formula and paste in another cell
 - b) copy only values from formula and paste in another cell
 - c) Perform Add, Subtract operations

37. Show the following concepts by using appropriate examples:

- i) Merge and Center
- ii) Format Painter
- iii) Wrap text
- iv) Shrink to fit long data in a cell
- v) Fill colour in a cell
- vi) increase column/row height/width

38. Sales figures of GPS for two months are as follows:

	Product 1	Product 2
Range 1 =Jan	1000	2000
Range 2=Feb	3000	4000

Combine values from Ranges 1 and 2 into one new Range using Consolidation.

39. The following is the stock position of *Excel Foundation* Book in a Library:

OP STOCK	RECEIPTS	ISSUES	CL STOCK
100	200	120	

- i) Findout the closing stock
- ii) *Hyperlink* the Receipts quantity to Sheet 2 of the same Workbook to know details of Receipts
- iii) *Hyperlink* Issues to Sheet 3 of the same Workbook to know details of Issues.

40. Findout the Break-even output with the following:

Fixed Cost:	Rs.40000
Average Variable Cost	Rs.8
Market Price	Rs.13
Output to produce to Break-Even	?

BE in Quantity = $\text{Fixed cost} / (\text{Market price} - \text{Average Variable cost})$

BE in Sales = $\text{Sale price} * \text{BE in Quantity}$

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Practical question bank**B.Com (CBCS) VI Semester (Computers)****Computer Lab - "WEB TECHNOLOGY"**

Time: 60 Minutes

Record: 10

Skill Test: 15

Total Marks: 25

1. Write a HTML program to implement Formatting tags .
2. Write a HTML program to demonstrate all Logical tags.
3. Write a HTML program to implement all Header tags.
4. Write a HTML program to illustrate Anchor tag along with all its attributes.
5. Write a HTML program to insert Image tag with all its attributes.
6. Create a Web Page to display the text "ALL THE BEST" aligned with images.
7. Write a HTML program to implement Font tags along with its attributes.
8. Write a HTML program to illustrate List formatting tags for the streams available in College :
 - a. Ordered list b. Unordered list c. Menu List. d. Definition List .
9. create a Web Page to display ordered list, unordered list on the subjects available in Fifth semester .
10. create a Table with Four rows and Four columns in HTML .
11. Write a HTML program to create a Time-table of your College using necessary options such as Cellpadding, Cellspacing , colspan , rowspan .
12. Write a HTML program to marquee the image and text.
13. Create a Web Page in which the text " WEB TECHNOLOGY " should scroll in different directions for four times .
14. Create a table using all its attributes and sub tags to execute the following Information .

S.N o	Name	Specialization
1.	Ada Lovelace	She is World's first Computer Programmer.
2.	Adam Osborne	Creator of the first commercially available Portable Computer .
3.	Abhay Bhushan	Author of the File Transfer Protocol .
4.	Alan Cooper	Father of Visual Basic .
5.	Alan Emtage	Developer of " Archie " which is considered to be the first search engine.
6.	Alan Schaaf	Founder of " Imgur " which is the world's largest image hosting site .
7.	Alexander Douglas	Created the first graphical Computer game, OXO .
8.	Andreas Bechtolsheim	Co-founder of Sun Microsystems.

Contd.2

15. Create a Program on the concept of Form containing Textboxes, Radio Buttons and Check boxes.
16. Create a Program on Employee Information Form.
17. Write a program to create Pull down menu on the universities available in Telangana State.
18. Write a program to create Pull down menu on various Web Designing Softwares.
19. Create a Web Page of student information form, when the information is submitted message should be displayed .
20. Write a HTML program to create Four Vertical Frames .
21. Write a HTML program to create Four Horizontal Frames.
22. Write a DHTML program for Cascading style Sheets.
23. Write a DHTML program to demonstrate Inline Style Sheets.
24. Write a DHTML program to demonstrate External Style Sheets.
25. Write a DHTML program to demonstrate Embedded Style Sheets.
26. Write a DHTML program to illustrate Id and Class Selectors using CSS.
27. Write a DHTML program to demonstrate Filters .
28. Write a DHTML program to demonstrate Transitions.
29. Write a DHTML program to demonstrate changing text and attributes using CSS.
30. Write a Java Script program to calculate Area and circumference of a Circle .
31. Write a Java Script program to display Greatest Number among Three Numbers .
- 32 . Write a Java Script program to demonstrate Arithmetic Operations using Switch case.
33. Write a Java Script program to print Odd numbers using while loop.
34. Write a Java Script program to demonstrate multiplication table .
35. Write a Java Script program using any five events .
36. Write a Java Script program to print N-natural numbers using For loop.
37. Write a Java Script program to print Factorial of a given number .
38. Write a Java Script program to demonstrate Arrays.
39. Write a Java Script program to demonstrate String manipulating functions.
- 40 . Write a Java Script program to demonstrate Math objects.

Contd.3

41. Create a Web page with an image, when the mouse is doubled clicked new image should replace the existing.
42. Create a Web page and apply mouse effects to change text color, size, family etc on the text.
43. Create a Web page which displays a line of text, when you click on the text a new line of text should overwrite the existing text.
44. Create a program on the event onkeypress.
45. Create a program on the event onreset .
- 46 . Create a XML document for employee database with 10 records and 5 columns in each record.
47. Create a XML document for student database and apply the style sheet effects.
48. Create a XML document with simple links
49. Create a XML document for the Marketing department of an organization and apply style effects.
50. Create a program on XML Document Object Model.

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Computer Lab - Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

B.Com (Computer & Computer Applications) (CBCS)
OBJECT ORIENTED PROGRAMMING IN C++ Practical question bank

1. Write a C++ program to reverse a given number.
2. Write a C++ program to add two numbers using class.
3. Write a C++ program to check whether a given number is prime.
4. Write a C++ program to demonstrate the usage of scope resolution operator.
5. Write a C++ program to check whether a given year is leap year or not.
6. Write a C++ program to add two numbers using functions.
7. Write a C++ program to accept and display the details of a student using class.
8. Write a C++ program to accept and display the details of an employee using a class.
9. Write a C++ program to count the number of words and characters in a given text.
10. Write a C++ program to compare two strings using string functions.
11. Write a C++ program to find the GCD of two numbers.
12. Write a C++ program to calculate the area of rectangle, square using function overloading.
13. Write a C++ program to add two numbers using pointers.
14. Write a C++ program to find the factorial of a given number.
15. Write a C++ program to search for an element using binary search.
16. Write a C++ program to sort an array in ascending order.
17. Write a C++ program to find the factorial of a given number using recursion.
18. Write a C++ program to check whether a given number is even or odd.
19. Write a C++ program to demonstrate the usage of Inline function.
20. Write a C++ program to demonstrate parameter passing mechanism using pass by value method.
21. Write a C++ program to demonstrate parameter passing mechanism using pass by address method.

22. Write a C++ program to demonstrate the usage of a constructor and destructor in a class.
23. Write a C++ program to demonstrate simple inheritance.
24. Write a C++ program to calculate volume of cube, cylinder and rectangle using function overloading.
25. Write a C++ program to demonstrate the usage of friend function in a class.
26. Write a C++ program to demonstrate the usage of endl and setw manipulators.
27. Write a C++ program to display employee information using multiple inheritance.
28. Write a C++ program to demonstrate multilevel inheritance.
29. Write a C++ program to create a file.
30. Write a C++ program to check whether a given number is a palindrome or not.
31. Write a C++ program to generate the Fibonacci series using while loop.
32. Write a C++ program to overload + operator to add two complex numbers.
33. Write a C++ program to search for a given element in an array using linear search.
34. Write a C++ program to read a text file.
35. Write a C++ program to find the sum of natural numbers using for loop.
36. Write a C++ program to create a simple class named Account and write methods to deposit and withdraw amount from the account.
37. Write a C++ program to demonstrate dynamic memory allocation in c++.
38. Write a C++ program to demonstrate polymorphism by calculating area of rectangle and triangle using a shape class.
39. Write a C++ program using Switch case to add, subtract, multiply and divide two numbers.
40. Write a C++ program using class to implement basic operations on a stack using arrays.
41. Write a C++ program to display the sizes of various data types in c++ language.
42. Write a C++ program to accept and display employee details using structures.
43. Write a C++ program to find the length of a given string using string functions.
44. Write a C++ program to print the ASCII value of a user entered character.
45. Write a C++ program to add two dimensional matrices.
46. Write a C++ program to overload + (*plus*) operator to perform concatenation of two strings.
47. Write a C++ program to find the sum of elements in a given array.
48. Write a C++ program to find the largest of 3 numbers.
49. Write a C++ program to demonstrate exception handling by dividing a number with zero.
50. Write a C++ program to convert a binary number to a decimal number.

B.Com (CBCS) V – Semester (For All Streams)
Computer Lab - Practical Question Bank

COMPUTERIZED ACCOUNTING

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks: 25

Q 1. Create a company with Imaginary details.

Q.2 Create a Company in Tally with following details:-

Name	Rahul Enterprises
Mailing Name	Rahul Enterprises
Address	12-1-975/A Sultan Bazar, KingKothi, Hyderabad
Country	India
State	Telangana
PIN Code	500001
Mobile No.	9988776655
E-mail ID	rahul@gmail.com
Country	India
Maintain	Accounts with Inventory
Financial Year From	1-4-2018
Books Beginning from	1-4-2018
Tally Vault	No
Security Control	No

Q.3 Create a Company with imaginary details by selecting country As United States and giving Tally Password and activating Security Control by set Yes.

Q4. Create the following Ledgers under relevant groups in Tally giving their Opening Balances and display the following for **Suresh & Co.:**

- | | | | |
|----------------------------|---|--------------------------|------------------------|
| a) Trial Balance | - | Total Rs.3,43,200/- | |
| b) Profit and Loss Account | - | Gross Profit Rs.36,500/- | Net Profit Rs.24,800/- |
| c) Balance Sheet | - | Total Rs. 1,01,000/- | |

Debit Balances	Amount Rs.	Credit Balances	Amount Rs.
Stock (1-4-2017)	96000	Capital	50000
Wages	28000	Loan	9000
Salaries	4000	Sales	250000
Carriage Inward	5000	Reserve for Bad Debts	5000
Purchases	120000	Discount on Purchases	4000
Interest on Loan	200	Creditors	23000
Cash at Bank	1800	Purchases Returns	1500
Buildings	11000	Outstanding Expenses	700
Sales Returns	1000		
Debtors	35000		
Office Expenses	5500		
Drawings	6500		
Depreciation	2000		
Rent	2400		
Plant	18000		
Travel Expenses	5000		
Advertisement	1600		
Cash in Hand	200		
	343200		343200

Closing Stock (31-3-2018) Rs. 35000/-

Q.5 Create the following ledgers in Multiple Ledger Creation Mode:-

Sl No.	Ledger Name
1.	Machinery A/c
2.	Furniture A/c
3.	Land & Building A/c
4.	Loose Tools A/c
5.	Fixtures A/c
6.	Discount Paid A/c
7.	Discount Received A/c
8.	Interest Paid A/c
9.	Interest Received A/c
10.	Commission Paid A/c
11.	Printing Stationery A/c
12.	Postage A/c
13.	Wages A/c
14.	Loan Taken from HDFC Bank A/c
15.	Suspense A/c
16.	Motive Power A/c
17.	Purchases A/c
18.	Sales A/c
19.	Capital A/c
20.	Bank A/c

Sl No.	Ledger Name
1.	Land & Building A/c
2.	Furniture & Fixture A/c
3.	Trade Marks A/c
4.	Patents A/c
5.	Debtors A/c
6.	Discount Paid A/c
7.	Discount Received A/c
8.	Commission Paid A/c
9.	Printing & Stationery A/c
10.	Creditors A/c
11.	Wages A/c
12.	Purchases A/c
13.	Sales A/c
14.	Capital A/c
15.	Bank A/c

Q. 7 Create following Godowns for “Dinesh Kirana Store “:

Kothi, Sultan Bazar, Begum Bazar.

Q8. Create a company named “Dinesh Kirana Store “ and create following stock Groups and stock items according to the given information:

Stock Item	Company / Brand (Stock Group)	Unit of Measurement	Quantity	Price
Rice	Daawat	Kg.	500	100
Oil	Gold Drop	Ltr	1000	105
Mustard Oil	Fortune	Ltr	250	120
Biscuits	Sunfeast	No.	500	10
Chilli Powder	Everest	Pkt	100	50
Black Pepper	Everest	Pkt	100	40

Q 9 Enter following business transactions for National Traders.

Business Transactions for the months of May and June 2009 are as follows:

National Traders Business Transactions	
Date	Transaction Details
10-5-09	Bank Advice received for bank interest of Rs.500 credited to the deposit account.
11-5-09	Electricity bill (Office costs) for Rs.400 received from Horizon Enterprises.
13-5-09	Sold 1 HP LaserJet 1010 Series for Rs 9,500 to a cash customer, retaining the money as Petty Cash.
19-5-09	Salaries of Rs 2,500. Amount paid through Bank Account.
24-5-09	Sold 1 HCL Pentium IV for Rs. 21,500 to Supreme Computers.

30-5-09	Purchased 5 USB Pen Drives 64MB @ Rs. 1,250 each from Challenger Systems on credit.
01-6-09	Paid freight charges of Rs 200 from petty Cash
01-6-09	Paid Challenger Systems Rs. 11,500 by cheque
09-6-09	Transferred Rs 6,000 from Bank Account to Deposit Account.
15-6-09	Cheque for Rs 15,000 received from Spectrum Computers
22-6-09	Purchased 4 IBM Pentium IVs for Rs. 17,100 each from a new supplier and paid by cheque
22-6-09	Sold 2 IBM Pentium IVs for Rs. 24,785 to a customer who paid by cheque

Q 10. Enter the following transaction:

1. Started business with Cash Rs.2, 00,000
2. Purchased Goods from Amit Suppliers on credit of Rs.1, 50,000.
3. Deposit Cash in to Bank Rs. 25,000
4. Sold goods to Dynamic Traders Pvt. Ltd. of Rs. 1, 30,000
5. Received a cheque of Rs. 1, 27,000 from Dynamic Traders Pvt. Ltd.
6. Issued a cheque of Rs. 1, 00,000 as a partial payment to Amit Suppliers.
7. Purchase Goods for Rs. 45000 by Cash
8. Purchase Goods for Rs.8500 by SBI Bank.
9. Purchase Goods from "Krishna Mohan " for Rs. 67500 for Credit.
10. Purchase Goods from "Siva Mohan Agency" for Rs. 7200 and paid by SBI Bank Cheque.
11. Purchase Goods from "Mehatha G/s" for Rs. 15000 and Cash Discount received @ 2%.
12. Cash Purchase Goods from "Krishna G/s" for Rs. 12000.
13. Goods given to proprietor daughter Rs. 1800.
14. Purchased furniture for proprietor's residence by cash.
15. Cash Withdrawn from Bank.

Q 11. Pass following Journal entries:

1. Rs.6000 was stolen from the safe of the firm.
2. Received an order from Kapil for the supply of goods worth Rs. 240000. In this connection we received Rs. 120000 as Advance.
3. Goods sold for cash Rs. 60000. Also received 7 % sales tax.
4. Given as Charity: Cash Rs. 6000, Goods Rs. 18000 & Sofa-set worth Rs. 24000.
5. Goods worth Rs. 4200 stolen by an employee.
6. Purchase two House worth Rs. 110000 for the business.
7. Goods given to proprietor daughter Rs. 1800.
8. Goods worth Rs. 6000 Destroyed by fire.
9. Goods worth Rs. 12000 distributed as sample.
10. Bricks worth Rs. 600000 purchased for the construction of building.

Q 12. Journal the following transaction in the books of Mr. X for the month of January 2017.

- Jan-1** X having no capital of his own started business with Rs. 10000 borrows from his friend Mr. R @12% p.a
- Jan-2** Purchased goods worth Rs. 6000 less 20% trade discount and 5% cash discount. Mr. M & Co. For cash and supplied then to Mr. R at least price less 10%.
- Jan-3** Goods worth Rs. 200 was damaged in transit a claim was made on the railway authority for the same.
- Jan-4** Under instruction from Mr. M & Co, X supplied goods listed at Rs. 1000 to Mr. S. Received the invoice at 20% trade discount from Mr. M & co.
- Jan-5** Received cash from Railway in the full settlement of claim for damages in transit.
- Jan-6** Received from travelling sales man Rs. 1400 for goods sold by him after deducting his travelling expenses Rs. 50.
- Jan-7** Mr. S declared his insolvent and dividend of 50 Paise in the Rupees is received from him in the full settlement of his account.
- Jan-8** Bought a horse for Rs. 600 as a carriage for Rs. 1200 for delivering goods to the customers.
- Jan-9** Bought goods worth Rs. 700 from Mr. D and supplied them to Mr. K at Rs. 1000.
- Jan-10** Mr. K returned goods worth Rs. 50 which in turn was sent to Mr. D.
- Jan-11** one month interest to Mr. R on capital supplied by him due but could not be paid.
- Jan-12** The horse bought on 8th January died on his body was sold for Rs. 30.
- Q 13.** Journalise the following transaction in the books of Ram. Post them in the ledger and balanced the various accounts opened in the ledger.
- April-2** Ram started his business with Cash Rs. 70000.
- April-3** Deposited in to Bank Rs. 50000.
- April-4** Purchased goods for cash from Mr. X Rs. 5000.
- April-5** Bought goods on credit from Mr. Y Rs. 6000.
- April-6** Returned goods to Mr. Y Rs. 1000.
- April 10** Sold goods for cash to Mr. A Rs. 6000.
- April-15** Sold goods to Mr. B Rs. 6000.
- April-16** Mr. B returns goods Rs. 1000.
- April-17** Drew from Bank for personal use Rs. 5000.
- April-25** Paid to Mr. Y in full Settlement by Cheque Rs. 4800.

Mohan started business with cash Rs 10,000

Purchase following stock item items from Ravi on 1 Oct 2015.

Bill no	Item	Purchase price /unit	Unit purchase
No/001	Dove soap 100 gm	Rs.50	100
No/001	Dove soap 200 gm	Rs 100	50
No/001	Lux soap 100 gm	Rs 22	100
No/001	Lifebouy 100 gm	Rs 20	200

Purchase following stock item from Sudha trader on 2 oct 2015

Bill no	Item	Purchase price /unit	Unit purchase
No/002	Maggi 100 gm	Rs.8	100
No/002	Maggi 400 gm	Rs 35	50
No/002	Top remen 100 gm	Rs 12	100
No/002	Top remen 400 gm	Rs 40	200

Q 15.Create a Company and Enter the Followings and Find as per maintain Bill-wise Details

- Goods sold to Ravi Rs. 15000/- (1-Apr-2014)
- Cash received from Ravi Rs. 10000/- (1-Apr-2014)
- Goods sold to Ravi Rs. 10000/- (1-May-2014)
- Cash received from Ravi Rs. 20000/- (1-May-2014)
- Goods sold to Ravi Rs. 25000/ (1-Jun-2014)
- Interest charged to Ravi Rs. 500/- (1-Jun-2014)

Q.16. Show the balance sheet of Royal Star Company, with the following accounts, under relevant groups with imaginary figures:

- Fixed assets: a) Land b) Building c) Machinery d) Furniture e) Goodwill
- Current assets: a) Trade Debtors b) Stock c) Bills Receivable d) Bank e) Cash
- Loan accounts: a) Loan from Andhra Bank b) Loan from Ramu
- Capital account

Q.17 Enter the following transactions by creating relevant accounts and groups.

- i) Purchased goods from Ram Rs.10000
- ii) Purchased goods from Roshan Rs.5000
- iii) Purchased goods from Mohan Rs.20000
- iv) Sold goods to Leela Rs.25000
- v) Sold goods to Praveena Rs.30000
- vi) Sold goods to Praveen Rs.20000.

Q.18 From the information given below prepare P & L account & B/S.

Salaries	70,000	Capital	6,00,000
Rent	30,000	Commission received	10,000
Stationary	5,000	Sales	1,65,000
Cash	45,000		
Furniture	4,60,000		
Purchases	84,000		
Machinery	81,000		
Adjustments: Outstanding Rent Rs.1000, Depreciation on furniture @ 5%, Machinery @ 4%.			

Q.19. Mr.Rajesh started business with cash Rs.3,00,000:

- i) Purchased 30 CTV's @10,000 each for cash.
- ii) Paid carriage on purchase Rs.2000
- iii) Sold 12 CTV's @12,000 each for cash
- iv) Sold 10 CTV's @12,000 each to Rajnikant.
- v) Paid salaries Rs.2,000 and Rent Rs.1,000

Prepare P & L A/c.

Q.20 Edit the following transactions:

- i. Bought goods worth Rs.5,550, alter it to Rs.7,000
- ii. Sold Goods to Roja Rs.5,000 alter it to Rs.3,000
- iii. Cash received from Kamesh Rs.1,000 alter it to Krishna
- iv. Paid cash to Yadav Rs.1,000, alter to bank.

Q.21 From the following ledger balances of Ayaan Ltd., prepare Trading and P & L a/c for the year ending 31-3-2018 and a balance sheet as at that date.

Particulars	Rs		Rs
Cash in hand	15,000	P & L a/c on 1-4-2009	80,000
Cash at bank	6,100	share capital 20,000 equity shares @ 10/-	2, 00,000
Rent	3,600		
Wages	10,000	sundry creditors	20,500
Bad debts	500	Bills payable	10,000
Plant and machinery	68,000	Sales	2,70,000
Opening stock	21,000		

Salaries	6,000	www.FirstRanker.com	www.FirstRanker.com
Land and buildings	1, 80,000		
Furniture	18,000		

Q.22 Prepare funds flow from the given information below:

Name Of The Account	Dr. RS.	Cr. RS.
Furniture	20000	-
Machinery	100000	-
Buildings	200000	-
Capital	-	300000
Cash	10000	-
Bills payable	-	60000
Trade debtors	160000	-
Trade creditors	-	130000

Q.23 . Prepare a cash flow statement for the following cash transactions.

- Anil brought in cash towards Capital Rs.75000
- Deposited into bank Rs.60000
- Purchased goods Rs.9000
- Sale of goods worth Rs.21000
- Paid to Ganesh (a supplier) Rs.15000
- Received from Hari (a customer) Rs.18000

Q.24 Prepare ratios from the following information:

Opening balance:	Rs.
Capital	150000
Machinery	50000
Cash	75000
Land	50000
Plant	50000
Bank	25000

Transactions:

Purchased goods from Sita (cash)	4500
Sold goods for cash	11500
Sold goods to Geeta	17000
Paid salaries	3000
Selling expenses	1500
Distribution expenses	500

Q.25 Pass Following Transactions and Display Financial Statements

1. Ashok starts business with Rs. 100000/-
2. Purchase machinery for Rs. 50000/ and furniture for Rs. 10000
3. Paid amount for rent Rs. 1000/
4. Deposits Rs., 10000/- in Bank
5. Purchase of goods for Rs. 20000/ from Mr. Ram on credit.
6. Sold goods to Mr. Rakesh for Rs. 10000/
7. Rs. 5000/ withdraws from bank for personal use.
8. Withdraws Rs. 1000/ for office use.
9. Received cash from Mr. Rakesh.
10. Paid to Mr. Ram.

Q.26 Pass Following Transactions and Display Profit and Loss Account.

1. Mr. Ram starts business with Rs. 200000/- and deposited into bank Rs. 40,000.
2. Paid for office building Rs. 50000/ and furniture for Rs. 10000/-
3. Purchase raw material of Rs. 10000 on credit from Mr. Avinash.
4. Paid Wages Rs. 2000
5. Paid salary Rs. 10000
6. Return money to Mr. Avinash in settlement of Rs. 9500.
7. Sold goods to Mr. Shekar Rs. 15000/-
8. Received interest on bank amount Rs. 500.
9. Received from Mr. Shekar after discount of Rs. 500.
10. Sold old news paper Rs. 450/-
11. Sold old furniture Rs. 4000/-

Q.27 Record the following transactions in the books of “M/s Albert & Brothers” and display Trial Balance, Profit and Loss Account and Balance Sheet.

1. Albert starts business with Rs. 50,000.
2. He opens a SBI saving bank account and deposits Rs. 20,000.
3. Bought furniture for Rs. 5,000, machinery for Rs. 10,000.
4. Purchased goods for Rs. 14,000.
5. Sold goods for Rs.8, 000.
6. Purchased goods from Malhotra& Company for Rs. 11,000.
7. Paid telephone rent for the year by Cheque Rs. 500
8. Bought one typewriter for Rs. 2,100 from ‘Universal Typewriter Co’. on credit.

Q.28 Record the following transactions in and display Profit and Loss Account and Balance Sheet.

COMPANY NAME: - MAGNET BOOK STORE PRIVATE LIMITED

ADDRESS: DHARAVI, MUMBAI - 400017

LEDGER NAME	UNDER GROUP	OPENING BALANCE	
SHARE CAPITAL	CAPITAL ACCOUNT	15,00,000	
LOAN FROM SBI BANK	SECURED LOAN	5,00,000	
PROVISION FOR DEPRECIATION	PROVISION	450000	
O/S RENT	CURRENT LIABILITY	6000	
O/S SALARIES	CURRENT LIABILITY	8000	
DEPOSIT FOR PREMISES	DEPOSITS (ASSETS)	2,00,000	

INVESTMENT IN SHARES	INVESTMENT	60,000	
FURNITURE	FIXED ASSETS	28,000	
COMPUTERS	FIXED ASSETS	50,000	
CASH IN BANK	BANK ACCOUNT	1,00,000	
CASH IN HAND	CASH IN HAND	75,000	
CLOSING STOCK	STOCK IN HAND	50,000	
ABHYUDAYA BANK	BANK ACCOUNT	1,25,000	
MACHINERY	FIXED ASSET	2,00,000	
BUILDING	FIXED ASSET	6,00,000	
Discount Allowed A/c	Indirect expenses	1800	Cash
Commission Allowed A/c	Indirect expenses	300	cash
Salary A/c	Indirect expenses	500	Cheque
Travelling Expenses	Indirect expenses	900	Cheque
Rent paid A/c	Indirect expenses	450	Cash
Brokerage Account	Indirect expenses	1250	Cash
Printing & Stationery	Indirect expenses	600	Cheque
Electricity charges	Indirect expenses	1200	Cash
Miscellaneous expenses	Indirect expenses	820	cash
Advertisement	Indirect expenses	960	Cheque
Office expenses	Indirect expenses	1020	Cheque
Interest on loan	Indirect expenses	350	Cheque
Delivery van expenses	Indirect expenses	125	Cheque
Conveyance Expenses	Indirect expenses	650	Cheque
Refreshment Expenses	Indirect expenses	250	Cheque
Administrative expenses	Indirect expenses	450	Cheque
Discount received A/c	Indirect income	900	Cheque
Commission received A/c	Indirect income	4500	Cheque

To maintain Stock Statement

Group	Categories	Stock item	Purchase price	Quantity	Godown
SCHOOL	ENGLISH	BALBARATHI	80	1500	DHARAVI
		YUVAK BARATHI	75	1000	
	MATHS	ALGEBRA	65	1300	
		GEOMETRY	55	1200	
COLLEGE	ACCOUNTS	BASIC	85	1100	SION
		FINAL	90	1000	
	MATHS	ARITHMATIC	45	1400	
		STATISTICS	35	1350	

Goods are purchased from these parties. (VAT @14.5%)

Date	Bill no.	Party name	Stock item	Godown	Qty
1 ST MAY	OM 001	BABAJI STORE	BALBARATHI	DHARAVI	450
1 ST MAY	OM 002	AMUL STORE	YUVAKBARATHI	DHARAVI	500
1 ST MAY	OM 003	ANAND STORE	ALGEBRA	DHARAVI	600
1 ST MAY	OM 004	ABINAYA STORE	GEOMETRY	DHARAVI	310
1 ST MAY	OM 005	AZIM'S STORE	BASIC	SION	900
1 ST MAY	OM 006	SARASWATI STORE	FINAL	SION	150
1 ST MAY	OM 006	ANAND STORE	ARITHMATIC	SION	450
1 ST MAY	OM 007	ABINAYA STORE	STATISTICS	SION	750

Goods are sold to these parties. (VAT @14.5%)

Date	Bill no.	Party name	Stock item	Godown	Qty.	Selling price
1 ST JUNE	OM P001	Reliance store	BALBARATHI	DHARAVI	150	100
1 ST JUNE	OM P002	TATA store	YUVAKBARATHI	SION	400	110
1 ST JUNE	OM P003	Omtex store	ALGEBRA	SION	530	120
1 ST JUNE	OM P004	Vishwas store	GEOMETRY	DHARAVI	310	130
1 ST JUNE	OM P005	Philips store	BASIC	DHARAVI	1000	145
1 ST JUNE	OM P006	Omtex store	FINAL	SION	200	125
1 ST JUNE	OM P006	IPL store	ARITHMATIC	SION	360	165
1 ST JUNE	OM P007	Reliance	STATISTICS	DHARAVI	900	175

Purchase and Sales Return

On 1st June, goods purchased from Babaji store has been returned. Details are

Stock item	Godown	Quantity	Bill no.
BALBARATHI	Dharavi	2	OM 001

On 1st August, goods purchased from Saraswati store has been returned. Details are

Bill no.	Godown	Quantity	Stock item
Om 006	Sion	1	FINAL

On 1st October, goods purchased from Anand store has been returned. Details are

Bill no.	Godown	Quantity	Stock item
Om 003	Sion	5	ARITHMATIC

On 1st July, goods sold to Philips Store were returned. Details are

Bill no.	Godown	Quantity	Stock item
Om p005	Dharavi	5	BASIC

On 31st December, goods sold to Reliance company were returned. Details are

Bill no.	Godown	Quantity	Stock item
Om p007	Sion	2	BALBARATHI

On 31st January, 2011 goods sold to IPL store were returned. Details are

Bill no.	Godown	Quantity	Stock item
Om p006	Dharavi	2	ARITHMATIC

Contra Entries

1. On 1st September, Withdraw Rs. 50000 from Abhyudaya bank for business purpose.
2. On 30th November, With drawn Rs. 25000 from Cash in bank for business purpose.
3. On 28th February, Deposit Rs. 25000 in Abhyudaya bank.

Charging Depreciation

On 31 – 3 – 2011 Charge depreciation @ 10% on furniture, 20% on computer, 12.5% on Machinery, 7.5% on Building

Q. 29. Create 3 stock items named milk, roti and mobile. Opening balances of these 3 stock items would be milk – 10 liters, roti – 20 pieces and mobile – 5 numbers.

Q. 30. Create 5 sundry debtor outside your state and 5 sundry debtor inside your state. Similarly, create 5 sundry creditor outside your state and 5 sundry creditor inside your state.

Q. 31 Pass following Entries and display Day Book:-

1. Business started with cash 8,000 and plant & machinery 3,000.
- 2 - Stock purchase for sale (cash purchase)= 3,000, credit purchase = 5,000
- 3 - Wages paid 120,000(including 20,000 of future year).
- 4 - Salary paid 200,000 but due 110,000.
- 5 - Sale made for cash 600,000 & on credit 800,000.
- 6 - Depreciation 10 percent on plant & machinery.
- 7 - Goods costing 20,000 destroyed by fire.
- 8 - Payment made to creditor of 200,000 at 10 percent discount.

Q. 32 Company A was incorporated on January 1, 2010 with an initial capital of 5,000 shares of common stock having Rs.20 par value. During the first month of its operations, the company engaged in following transactions:

Date	Transaction
Jan 2	An amount of Rs.36,000 was paid as advance rent for three months.
Jan 3	Paid Rs.60,000 cash on the purchase of equipment costing Rs.80,000. The remaining amount was recognized as a one year note payable with interest rate of 9%.
Jan 4	Purchased office supplies costing Rs.17,600 on account.
Jan 13	Provided services to its customers and received Rs.28,500 in cash.
Jan 13	Paid the accounts payable on the office supplies purchased on January 4.
Jan 14	Paid wages to its employees for first two weeks of January, aggregating Rs.19,100.
Jan 18	Provided Rs.54,100 worth of services to its customers. They paid Rs.32,900 and promised to pay the remaining amount.
Jan 23	Received Rs.15,300 from customers for the services provided on January 18.
Jan 25	Received Rs.4,000 as an advance payment from customers.
Jan 26	Purchased office supplies costing Rs.5,200 on account.
Jan 28	Paid wages to its employees for the third and fourth week of January: Rs.19,100.
Jan 31	Paid Rs.5,000 as dividends.
Jan 31	Received electricity bill of Rs.2,470.
Jan 31	Received telephone bill of Rs.1,494.

33. Mr. Nirmal has the following transactions in the month of April.

Write Journal Entries for the transactions.

10th April : Commenced business with a capital of 1,00,000

11th April : Purchased goods from Veeru for 20,000

13th April : Purchased Goods for Cash 15,000

14th April : Purchased Goods from Abhiram for cash 9,000

16th April : Bought Goods from Shyam on credit 12,000

17th April : Sold goods worth 15,000 to Tarun

19th April : Sold goods for cash 20,000

20th April : Sold goods to Utsav for cash 6,000

- 21st April : Sold goods to Pranav 3,000
22nd April : Returned goods to Veeru 3,000
23rd April : Goods returned from Tarun 1,000
25th April : Goods taken by the proprietor for personal use 1,000

Q. 34 Journalise the following transactions in the books of Rama & Sons

- 3rd May : Cash deposited into bank 60,000
4th May : Loan given to Bhuvan 20,000
4th May : Paid cash to Veeru 20,000
5th May : Paid to Veeru by cheque 15,000
5th May : Cash received from Tarun 12,000
5th May : Took loan from Anush 15,000
6th May : Cheque received from Pranav 15,000
6th May : Paid to Intel Computers by cheque 17,000
6th May : Withdrew from bank 5,000
7th May : Withdrew from bank for office use 8,000
7th May : Cash received from Bhuvan on loan account 10,000
8th May : Withdrew from bank for personal use 1,000

Q. 35 Write journal entries in the books of Chikky&Bros and post them into relevant ledger accounts.

- 10th June : Paid wages 12,000
11th June : paid rent by cheque 10,000
13th June : Paid salary to Mr. Charan 12,000
14th June : Purchased stationery from Kagaz& Co. and paid by cheque 5,000
15th June : Received interest 14,000
17th June : Received commission by cheque 6,000
18th June : Rent received from Mr. Mody 8,000
19th June : Interest received from Mr.Bijju by cheque 10,000
20th June : Carriage paid on purchase of goods 3,000
22nd June : Carriage paid on sale of goods 2,000.

36. Assuming on your own figures prepare cash book for the following cash transactions.

- a). Ramu brought in cash towards capital Rs. 25,000.
- b). Deposited into the bank Rs. 20,000.
- c). Purchased goods Rs. 3,000.
- d). Sale of goods worth Rs. 11,000.
- e). Paid to Hrithick (Supplier) Rs.7,000.
- f). Received from (Mohan), Customer Rs. 6,000.

37. Prepare cash book with bank column for the following bank transactions in Andhra Bank and ascertain bank balances.

- a). Balance at bank Rs. 2,00,000.
- b). Paid to Ramesh Rs. 10,000 by cheque.
- c). Paid to Mahesh Rs. 25,000 by cheque.
- d). Received a cheque from Rani Rs. 38,000.
- e). Received from Sarita Rs. 50,000 by cheque.

38. Prepare a Trial Balance with the information given below:

Furniture	10,000
Machinery	50,000.
Building	1,00,000.
Capital	1,50,000.
Cash	5,000.
Trade Debtors	80,000
Bills Payable	30,000.
Trade Creditors	65,000.

39. Prepare Trading, Profit and Loss Account and a Balance Sheet from the following:

Opening Balance	Amount (Rs)
Capital	4,00,000
Furniture	1,00,000
Cash	30,000.
Building	2.00,000.
Machinery	70,000.
Transactions:	
Purchased Goods	20,000.
Sales	40,000.
Paid Rent	1,000.
Paid Salaries	3,000.
Received Interest	2,000.

40. Enter the following transactions by creating relevant accounts and groups.

Transactions:

Purchased goods from Ram Rs. 10,000.

Purchased goods from Rohan Rs, 5,000

Purchased goods from Rajni Rs.20,000.

Sold goods to Lucky Rs 25,000.

Sold goods to Raveena Rs. 30,000.

Sold goods to Kamala Rs. 20,000.

41. Compute net profit from the following data?

Capital Introduced	4,00,000.
Cash Purchases	50,000
Cash Sales	1,00,000

Salaries Paid

10,000

Interest Received

2,000.

Legal Expenses Paid

1,000.

General Expenses

400.

42. Mr. Zaid started business with Cash Rs. 3,00,000.

a). Purchased 20 color TVs @ Rs. 10,000 each for cash.

b). Paid carriage on purchases Rs. 2,000.

c). Sold color TVs @ Rs. 12,000 each for cash.

d). Sold color TVs @ Rs. 12,000 each to Sham.

e). Paid salaries Rs. 2,000 and Rent Rs. 1,000.

Prepare Profit and Loss Account and Balance Sheet.

43. Prepare the following transactions and generate a purchase register.

Purchased goods from Gupta Rs. 10,000.

Purchased goods from Vijay Rs. 5,000.

Purchased goods from Gopi Rs. 2,000.

Purchased goods from Ram Rs. 5,000.

Purchased goods from Ahmed Rs. 20,000.

Purchased furniture on credit from X Ltd., Company Rs. 12,000.

44. Edit the following transactions.

a). Bought goods worth Rs. 5,550, alter it to 7,000.

b). Goods sold to Asif Rs. 5,000, alter it to 2,300.

c). Cash received from Raheem Rs. 1,000, alter it to Krishna.

d). Paid cash to Uday Rs. 1,000, alter it to bank.

- a). Priyanka started business, Rs. 3,00,000.
- b). Opened an account with bank, Rs. 20,000.
- c). Bought furniture by cheque, Rs. 3,000.
- d). Paid office rent Rs. 500.
- e). Cash purchases Rs. 15,000.
- f). Cash sales Rs. 5,000.

46. Prepare a bank book with the following transactions.

- a). Balance at SBI Rs. 1,50,000.
- b). Paid to Mr. Owais Rs. 50,000 by cheque.
- c). Paid Geeta Rs. 25,000 by cheque.
- d). Cash withdrawn by cheque Rs. 20,000 for office use.
- e). Deposited a cheque for Rs. 5,900 and cash Rs. 500.

47. Show the trial balance for the information given below.

Name of the Account	Debit	Credit
Furniture	10,000	-
Machinery	50,000	-
Building	1,00,000	-
Capital	--	1,50,000
Bills Payable	--	15,000
Cash	5,000	--

48. Enter the following transactions and create a Balance Sheet.

Particular	Debit	Credit
Cash in Hand	1,00,000	--
Bills Receivable	10,000	--
Sundry Debtors	40,000	--
Motor Car	20,000	--
Sundry Creditors	--	50,000
Bills Payable	--	5,00,000
Capital	--	1,00,000

49. Compute Net Profit from the following data:

Capital Introduced 4,00,000.

Cash purchases 50,000.

Cash Sales 1,00,000

Rent paid 5,000

Received commission 2,000

Paid Legal expenses 1,000

Paid for printing 500

Paid general expenses 400.

50. Prepare a Balance Sheet for the following transactions in the Books of Mr. Arif Khan.

- a). Commenced Business with Cash Rs. 50,000.
- b). Deposited in to the bank Rs. 40,000.
- c). Purchased Machinery, payment made by cheque Rs.30,000.
- d). Purchased goods for cash Rs. 5,000.
- e). Sold goods for cash Rs. 8,000.
- f). Paid salaries Rs. 2,000.

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Computer Lab – Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com Honors (CBCS)-IV Semester
E-COMMERCE AND DIGITAL MARKETING

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

Note: All the questions should be practiced using Microsoft Front page/any related tools.

The students should be taught the usage of appropriate html tags for these questions

In the practical examination the students have to write the procedure for performing the given task in front page followed by the html tags used to perform the task.

1. Create a simple web page to display your college name in bold format with Times new roman font, underlined and centered at the top of the page.
2. Create a web page to display the time table of your class using tables.
3. Create a web page to demonstrate various marquee effects over a given text.
4. Create a web page to display an unordered list consisting of various input and output devices of a computer.
5. Create a web page to display a hyperlink which when clicked directs you to your college website.
6. Create a web page to display an ordered list of courses offered in your college.
7. Create a web page to display a table with 2 rows and 2 columns. Also insert images in the cells of the table.
8. Create a web page to display a hyperlink which when clicked directs you to Amazon website.
9. Create a web page to demonstrate the usage of bold, italic and underline, strong, emphasize and strikethrough tags.
10. Create a web page to display the following output: H_2SO_4 and $(a+b)^2=a^2+2ab+b^2$
11. Create a web page to demonstrate various heading tags using your college name as the text.
12. Create a web page to demonstrate your college name aligned with the logo of your college.
13. Create a web page to demonstrate definition lists taking various applications of ecommerce as an example.
14. Create a web page to display a bulleted list of subjects available in the current semester.
15. Create a web page to give scrolling effect of an image.
16. Create a web page to display a button which when clicked directs you to your college website.

17. Create a web page to display various courses in your college. The courses should be separated by a horizontal ruler of varying sizes and color.
18. Create a web page to display four horizontal frames each frame containing a different color.
19. Create a web page to display four vertical frames each frame containing a different color.
20. Create a web page to display a button with label "search" adjacent to a text box. Also change the color of text box.
21. Create a web page to display a table containing 2 rows and 2 columns which contains the names of your friends and each cell filled with different background colors.
22. Create a web page to demonstrate the usage of all formatting tags.
23. Create a web page which asks for mode of payment which includes the options: Credit card/Debit card/Online transfer (use radio buttons)
24. Create a web page which asks the user to enter his credit card details. Use textboxes, drop down buttons.
25. Create a web page to describe about your college in a paragraph which is left aligned. Also insert date and time at the bottom of a web page.
26. Create a web page to display a hyperlink which when clicked displays excel sheet containing student details.
27. Create a web page to display definition list which defines the terms: B2B, B2C, C2B, C2C.
28. Create a web page with paragraphs left, right and center aligned to explain about various social networking sites. The paragraphs should be on different colors and separated by horizontal lines of varying sizes.
29. Create a web page which displays four buttons containing text B2B, B2C, C2B, C2C. Also when a button is clicked details about the clicked subject should appear on a separate page.
30. Create a web page to display the text "Digital Marketing" which scrolls randomly.
31. Create a web page to scroll the text "E-Commerce" for exactly 5 times from left to right of the screen.
32. Create a web page to insert an image which when clicked redirects you to your college website.
33. Create a web page to display the name of your college in h6 size with blue as font color and background color yellow separated by a thick line and below which a paragraph about the facilities offered by your college is described.
34. Create a web page to demonstrate a pull-down menu. The menu should contain the list of your favorite south Indian dishes.
35. Create a web page with name of your college as text. The text should scroll, alternate and slide.
36. Create a web page to display an image surrounded by text on all the four sides.

37. Create a web page to display 3 images which are aligned left, right and center respectively.
38. Create a web page with 4 paragraphs of about 5 lines each describing about E-Marketing, E-Shopping, E-banking and E-Learning. The paragraphs should be aligned left, right, center and justified respectively.
39. Create a web page with name of your college as Text in h6 size, font as verdana, blue as font color followed by a copyright symbol and trademark symbol.
40. Create a login page asking the user to enter his username and password followed by a submit button.
41. Create a web page using a form which collects data about student rollno, name and marks in various subjects followed by submit and reset buttons.
42. Create a web page using a form titled as Feedback form which takes the feedback of faculty teaching a particular subject in your college. The form should have fields student name, rollno followed by 5 check boxes labeled Excellent, Very Good, Good, Average, Bad respectively.
43. Create a web page to display the list of universities available in Telangana state using a pull-down menu.
44. Create a web page to display an image surrounded by text on left and right sides.
45. Create an unordered list of popular B2C ecommerce web sites.
46. Create a web page using a default theme in front page to describe about OSMANIA UNIVERSITY.
47. Create a user registration form for an upcoming examination.(use textboxes, pull-down menus, option boxes, submit button)
48. Create an ordered list of various courses offered at graduate and postgraduate level in OSMANIA UNIVERSITY.
49. Create a borderless table to display the various subjects and faculty names teaching that subject during the current semester.
50. Create a webpage to insert an image using all the image attributes.

FACULTY OF COMMERCE, OSMANIA UNIVERSITY**B.Com (CBCS) VI – Semester (For All Streams)
Practical Question Bank**

BC 606: COMMERCE LAB

Time: 60 Minutes

Record : 10
Skill Test : 15
Total Marks : 25

Max. Marks: 70PF* + 30VV

Unit I

1. Explain the procedure to obtain license in the form of a chart.
2. Collect a trade license application form and fill the details
3. Explain the procedure to obtain labour license form from the department of labour.
4. Fill a registration form under shops and establishments Act.
5. Fill a renewal form under shops and establishments Act.
6. Fill an NOC (amendment) form under shops and establishments Act.
7. Fill a principal employer registration form under contract labour act.
8. Draft a partnership deed in which 3 partners take part with imaginary details not exceeding three pages
9. Write what a fair report is and prepare such a report for an imaginary organization
10. You deposit Rs. **1000** into a bank account and received Rs. **50** simple interest after **3 months**. What had been the interest rate?
11. You invest Rs. 1000 for 3 years and get 10% interest compounded at the end of each year. Calculate compound interest.
12. What are the methods of calculating EMIs, Explain\
13. State the formula for calculating EMIs
14. Explain what a qualified report is and draft a qualified report with any three remarks.
15. Obtain an **annual report** of a company and draft a similar report with imaginary details.

Unit II

1. Describe the structure of Commercial Banking in India with the help of a chart.
2. Explain the Functions of commercial banks with the help of a chart.
3. Show the types of loans granted by the Commercial Banks in the form of a chart.
4. Explain the structure of a cooperative credit Institution in the form of a chart.
5. Draw the specimen Bank Passbook and fill in the columns.
6. Draw Home Loan application form by giving the particulars.
7. Draw a Debit card specimen and fill it.
8. Draw an ATM card specimen and fill it.
9. Draw a Credit card specimen and fill it.
10. Show the steps involved in Credit Appraisal in the form of a chart.
11. Draw a chart showing the procedure to receive an insurance policy.
12. Draw a chart showing Agency application procedure.

Unit III

1. Prepare a chart showing any ten important differences between a public and private company
2. Prepare a chart showing kinds of companies
3. Obtain a copy of Memorandum of Association of a company and make a note of important contents from it.
4. Obtain a copy of Articles of Association of a company and make a note of important contents from it.
5. Obtain a copy of Prospectus issued by a company and make a note of important contents from it.
6. Fill a specimen of Trust Registration form.
7. Draw a Chart showing the rights of a Consumer.
8. Obtain an Annual Report of a company and draft a similar report with imaginary details.
9. Prepare a list of the necessary documents to be submitted when a complaint is to be lodged in a
10. Consumer Forum
11. Draw a chart showing the hierarchy of consumer redressal agencies in India and explain one agency with references to jurisdiction powers and constitution
12. Draft a complaint to District Consumer Forum on the deficiency of service in a reputed corporate hospital for medical negligence
13. Briefly explain the procedure to file a complaint under RTI Act 2005

Unit IV

1. From the following particulars fill form 49A: Name: Ranjit, Father's name: Balakrishnan, Residential address : Flat no-120, Ram residency, Barkathpura, Hyderabad
Office address: Little Flower Degree College, Uppal, Hyderabad, AP, Date of birth: 3-5-1982, Address for communication: Residential address : Cell no. 9877654335, Tel no. 27708232, Email id: ranjit@yahoo.com. Proof of address: Driving license, Date of application: 12-8-2009, Assessing officer code details: Area code: AFR, A.O type O, Range code 50, AO code 02, Name to be printed on PAN card: Ranjith Sahini.
2. From the following particulars submitted to you by your client, help her in applying for P.A.N: NAME: Rajalakshmi Dixit (before marriage), Ragini Chandrashekar (after marriage), Father's name: Harish Dixit, Husband's Name: Vikas Chandrashekar, Residential address:---Office address-----, Date of birth: 3-4-1977, Address for communication: Office address----- Cell no----, Tel no-----, Email id-----, Proof of address; bank's pass book ----, Proof of identity: office ID card -----, Date of application: 12-8-2009, Assessing officer code details: Area code- APR, AO type- O, Range code - 5.
3. Mr Ram Prasad, S/o Surya Prasad, Date of birth: 2-12-1988, is resident of 67, Sainikpuri, Secunderabad, Tel no. 27722342 and mobile is 9898767654. email id: rams@yahoo.com, is working as a legal advisor to Maya Chit fund Pvt. Ltd, Ramakrishnapuram, Secunderabad. Office Tel no. 27110087. He wants to apply for PAN of Income Tax Dept. Hyd. Name to be printed on PAN card: Ram Prasad, Proof of address: Ration card, Proof of identity: Driving license.
4. Moon Tech Company Limited is registered as a limited company under the Companies Act .1956. Its incorporation certificate no MKL-8976-09, dated 6th June, 2008, commenced business in the previous year relevant to the current assessment year.

The object clause of Memorandum of Association states Real estate development, cable, and mobile business. According to the situation clause, the registered office is as follows: 10, S.P. Road, Secunderabad 5000001, Tel no: 040-27342167, Fax no: 91-11-275465. Corporate office: f-4, Jainagar, block-V, Bangaluru, Chairman: Mr Rohit Williams, M.D: Basheer Khan (authorized person), Authorised Capital: 80 crores, MD is authorized to represent the company in all matters including income tax returns. Address of MD: Basheer Khan, 44, Basavan Gudi, Bangluru. Name on PAN card: Moontech Company Limited. 2, AO No. – 05, Name to be printed on PAN: Ragini Chandrashekar.

5. Prepare a chart showing the Residential Status of an Individual.
6. From the following particulars, prepare Form - 16 of IT rules relating to financial year 2009-10: T.D.S certificate no: RS/308/2009-10, The form to be prepared : Original, TAN of Deductor: HYDH0713C, Name of the employer : Hindusthan Cables Ltd , Name of the employee : Sri Ramesh Mohan,* PAN of the employee: BBNPM2699L, * Details of salary (per annum in Rs): Basic pay 200000, DA: 75000, HRA: .32000 (Exemption limit 21000), Perquisite value : Life insurance premium paid by employer - Rs. 15000, SAVINGS U/s 80 C: Contribution to RPF - Rs. 40000, N.S.C VIII Issue - Rs.30000.
7. From the following prepare Form - 16: T.D.S Certificate No: RS/322/2008-09, The form to be prepared: Original, TAN of Deductor: NAG0722D, Name of the employer: SRI SOFTWARE LTD, Name of the employee: Sri Varun Gopal, PAN of the employee: BBYPG4612D, Officer of the company: K. Sharma S/o Teja, MD of the company, Address of the company: H. No. 567, Surya apartments, Nagpur , Maharashtra, Salary details: Basic pay - Rs. 625000, Perquisites - Rs. 125000, Exempted allowances – Rs. 40000, Professional tax paid – Rs. 4800, Income from house property: Loss from self occupied house - Rs. 100000, Deductions U/s 80c: Rs. 80000, TDS: Rs. 12000.
8. From the following, prepare Form 16: Name: Ravi, Father's name: Radhakrishnan, Residential address: 23-90-12/B, Near main market, Dilshuknagar, Hyderabad. PAN AAEPR2337A Employer's address: Rashi homio products Ltd, 66-78, Mahindra hills, Secunderabad. Salary (Gross) Rs.1285000. Exempted allowances nil. Profession tax Rs.2400, Deductions U/s 80: 80C Rs.100000. 80 E Rs.21000. TDS Rs.262720.
9. Mr Arjun is working in ACS Company Ltd situated at 67, Balanagar, Hyd. From the following particulars of Mr. Arjun, prepare form 12BA of IT rules (statement showing the details of perquisites).

10. Sno	11. Perquisite	12. value as per IT Rules (Rs.)	13. recovered from the employee (Rs.)
14. 1	15. Rent free accommodation	16. 108000	17. 60000
18. 2	19. Credit card expenses	20. 32000	21. 15000
22. 3	23. Club expenses	24. 12000	25. Nil
26. 4	27. Use of motor	28. 65000	29. 12000

10. From the following particulars of Mr. Anand, prepare form - 12BA of IT rules: **Statement showing the details of perquisites**

11. Sno	12. Perquisites	13. value of perq as per IT rules (Rs.)	14. recovered from employee (Rs.)
15. 1	16. Transfer of assets	17. 60000	18. 15000
19. 2	20. Servants	21. 21000	22. nil
23. 3	24. Use of motor car	25. 44000	26. 12000
27. 4	28. Electricity bill paid	29. 12000	30. nil

11. Mr. Anand is working as sales manager in Adarsh Company Ltd., Basheerbagh Hyderabad. His income from salary is Rs. 580000 PAN-AASP3456SPAN of the company - AABCA3345S.

12. Prepare a table showing difference between Long term and Short Term Capital Gains.

13. Prepare a table showing provisions for Set off and Carry forward of losses.

14. Prepare a table showing the Deductions from GTI u/s 80.

15. Prepare a chart showing the various income tax return forms indicating the type of assesses to whom they are applicable.

16. From the following particulars are submitted to you, prepare ITR – 1 and write your comments. Name of the Employee: Sri vavilala Banu Prasad, Fathers name: Sri. V. Laxmikant, Date of birth: 19-8-1980, PAN: APCPV3679U, Cell no: 9865686312, Residential Address: 9-9-7/1, Shivaji Palem, Vishakapatnam- 530017, Name of the employer: Kaveri Constructions Limited, Office address: 84-17-11, Opp: RTC Complex, Ashok Nagar, Vishakapatnam – 530016, Tel no: 2362178. Income particulars: Income from Salary: Rs.5,16,200, Interest on Bank deposits Rs.8,400. Deductions: 80 C → 64,000, 80D → 5,100, 80G as per Income Tax Rules Rs. 900, During the previous year, he paid advance tax Rs. 10,000 and the company has made TDS Rs. 34,000. He paid the balance tax at the time of filing return of income.

17. From the following calculation of tax liability, prepare Challan No ITNS 280 with acknowledge receipt, under self assessment for the A.Y. 2010-11: Details of payment: Income tax Rs.130900, Surcharge Rs.12009, Education cess Rs.2441, Secondary and higher education cess Rs.1165, Tax amount due to be paid through crossed cheque number 006578, dated 12-05-2010, Allahabad Bank, RP Road, Secunderabad. Residential address: 124, RamTowers, Kusaiguda, Secunderabad. Tel no. 040-27786542, Cell no. 9247889988, Name of the assessee: Saketh Kumar, PAN ABCPK2345A, Residential status: Ordinary resident.

18. From the following particulars, prepare challan to pay the tax amount due to IT Department: AY: 2010-11, Name of the assessee: Sairam Kumar, PAN: ADEPK7890R, Address: -----, Tel no: ----, Cell no: ---, Tax computation: Total income Rs.14,67,500. The tax is paid on 16-3-2009 in cash.

19. From the following particulars, prepare intimation u/s 143(1) of Income Tax of 1961 for the assessment year 2009-2010, dated 14.12.2009: Name of the assessee: Mr. Ranjit Singh, PAN: ACPPS3892G, Address:-----, AO Code: 938 HYD. Acknowledgement No. 265/C/2009. Due date of submission of return: 31.7.2010. Date of filing of return: 27.7.2010. Agriculture Income Rs.40,000. Non Agriculture Income Rs.2,25,000. Income Tax after deducting rebate on agricultural income: Rs.7,500. Surcharge: nil, Total Rs.7500. Education cess + Higher education cess @ 3% Rs.225, Total Tax Rs.7025, Prepaid Tax Rs.5,000, Self Assessment Tax Rs.2730, Tax Due nil.
20. Fill specimen of GST Registration form.
21. What is an Assessment Order.

Unit V

1. Present the important features of business transactions in the form of a poster.
2. Prepare a Chart showing classification of industries
3. Prepare a chart of showing branches of trade
4. Prepare a chart of showing branches of commerce
5. Prepare a chart showing difference between trade, commerce and industry.
6. Prepare a table showing Hindrances in distribution of goods and Elements which overcome these hindrances
7. Exhibit important objectives of business through a chart.
8. Present important characteristics of a businessman to be successful.
9. Prepare a chart showing the classification of business organizations
10. Show the classification of partners in a partnership firm through a chart.
11. Prepare a chart showing the stages in incorporation of a company
12. Present the features of a company in form of a chart
13. Draw a table showing the differences between a public sector enterprises and private sector enterprises
14. Prepare a chart showing forms of public enterprises.
15. Prepare a report on various activities taken up by various business units under CSR in and around their residence.
16. Draw a chart on levels of corporate social responsibility.
17. Prepare an exhibit of the regulatory frame work of Income Tax Act, in India in the form of a chart.
18. Draw a chart showing various taxes imposed by the Government of India..
19. Specify various Income tax Authorities through a table.
20. Draw a chart showing the Functions of RBI
21. Organizational set-up of the Reserve Bank of India in the form of a chart.
22. Draw a chart to exhibit the Powers of SEBI.
23. Draw a Chart showing the powers of IRDA.
24. Draw a chart showing Import procedure.
25. Draw a chart showing Export procedure.

Computer Lab – Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com Computers/Computer Applications (CBCS)-VI Semester

E-COMMERCE

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

Note: All the questions should be practiced using Microsoft Front page/any related tools.

In the practical examination the students have to write the procedure for performing the given task in front page followed by the html tags used to perform the task.

1. Create a web page to display the following output: (use textboxes, submit button)

Name:

Address:

2. Create a web page to display the time table of your class using tables.
3. Create a web page which accepts user input as shown below.

Name:

Address:

State:

City:

Pincode:

4. Create a web page to modify the default properties of h1 tag using internal style sheet.
5. Create a web page to display an ordered list of courses offered in your college.
6. Create a web page to display a table with 2 rows and 2 columns. Also insert images in the cells of the table.
7. Create a web page to display a hyperlink which when clicked directs you to Amazon website.
8. Create a web page to demonstrate various marquee effects over a given text.

9. Create a web page to display the following output:
 (take your own data into consideration)

Title	
Description of the image in a paragraph	Image

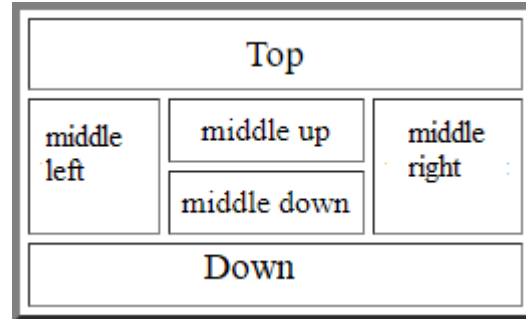
10. Create a web page to display the following output: $(a+b)^2=a^2+2ab+b^2$
 H_2SO_4

11. Create a web page to demonstrate the usage of nested tables as shown in the diagram below:

Rubber	baby	She	sells
buggy	bumpers	sea	shells

12. Create a web page which acts as a home page where your college name is properly aligned with the logo of your college followed by address and contact details at the center of the page.
13. Create a web page to demonstrate definition lists by taking various applications of ecommerce as an example.
14. Create a web page to display a bulleted list of subjects available in the current semester.
15. Create a web page to give scrolling effect of an image (preferably your college logo).
16. Create a web page to display a button which when clicked directs you to your college website.
17. Create a web page to display various courses in your college. The courses should be separated by a horizontal ruler of varying sizes and colors.
18. Create a web page to display four horizontal frames each frame containing a different color.
19. Create a web page to display four vertical frames each frame containing a different color.
20. Create a web page to display a button with label "search" adjacent to a text box. Also change the color of text box and background of the web page.
21. Create a web page to display a table containing 2 rows and 2 columns which contains the names of your friends and each cell filled with different background colors.

22. Create a web page to demonstrate the usage of rowspan and colspan for the figure below:



23. Create a web page which asks for mode of payment which includes the options: Credit card/Debit card/Online transfer (use radio buttons)

24. Create a web page which asks the user to enter his credit card details. Use textboxes, drop down buttons.

25. Create a web page to generate a purchase order as shown below:

Name:

Address:

State:

City:

Pincode:

Magazine:

Subscription: ☐ 1 year ☒ 2 years

26. Create a web page to display a hyperlink which when clicked displays excel sheet containing student details.

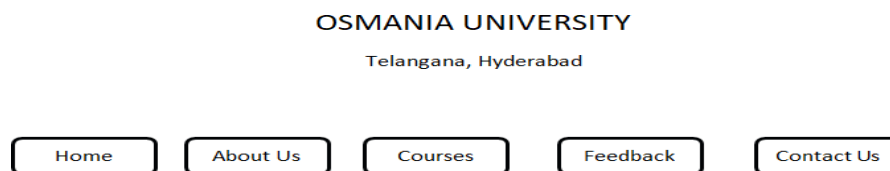
27. Create a web page to display definition list which defines the terms: B2B, B2C, C2B, C2C.

28. Create a web page with paragraphs left, right and center aligned to explain about various social networking sites. The paragraphs should be on different colors and separated by horizontal lines of varying sizes.

29. Create a web page which displays four buttons containing text B2B, B2C, C2B, C2C. Also when a button is clicked details about the clicked subject should appear on a separate page.

30. Create a web page to modify the default properties of h1 tag using external style sheet.

31. Create a web page to scroll the text "E-Commerce" for exactly 5 times from left to right of the screen.
32. Create a web page to insert an image which when clicked redirects you to your college website.
33. Create a web page to display the name of your college in h6 size with blue as font color and background color yellow separated by a thick line and below which a paragraph about the facilities offered by your college is described.
34. Create a web page with OSMANIA UNIVERSITY as the title and five buttons labelled Home, About Us, Courses, ,feedback, Contact us as shown in the diagram which when clicked displays the details on a separate pages.



35. Create a web page to demonstrate a pull-down menu. The menu should contain the list of your favourite south Indian dishes.
36. Create a web page with name of your college as text. The text should scroll, alternate and slide.
37. Create a web page to display an image surrounded by text on all the four sides.
38. Create a web page with 4 paragraphs of about 5 lines each describing about E-Marketing, E-Shopping, E-banking and E-Learning. The paragraphs should be aligned left, right, center and justified respectively.
39. Create a web page with name of your college as Text in h6 size, font as verdana, blue as font color followed by a copyright symbol and trademark symbol.
40. Create a login page asking the user to enter his username and password followed by a submit button.
41. Create a web page to create links to the sections on the same page.
42. Create a web page using a form which collects data about students rollno, name and marks in various subjects followed by submit and reset buttons.
43. Create a web page using a form titled as Feedback form which takes the feedback of the various facilities offered in your college. The form should have fields student name, rollno followed by 5 check boxes labelled Excellent, Very Good, Good, Average, Bad respectively.

44. Create a web page to display the list of universities available in Telangana state using a pull-down menu.
45. Create a web page to display an image surrounded by text on left and right sides.
46. Create a web page using a default theme in front page to describe about OSMANIA UNIVERSITY.
47. Create a user registration form for an upcoming examination.(use textboxes, pulldown menus, option boxes, submit button)
48. Create an web page to display a multilevel list taking your own example.
49. Create a table to demonstrate colspan, rowspan, cellspacing and cell padding attributes of a table.
50. Create a webpage to insert an image using all the image attributes.

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Computer Lab – Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com Computer Applications (CBCS)-VI Semester

MANAGEMENT INFORMATION SYSTEM

Time: 60 Minutes

Record : 10

Skill Test : 15

Total Marks : 25

Note: All questions have to be practiced using Ms-Access

- A.** Create a database named “EmployeeAddress.mdb” and perform the following tasks
(for questions 1 to 10)

Create a table named “Address” having following table structure and enter 10 records

Fieldname	Datatype	Description
EmpId	Number	Primary Key
FirstName	Text	
LastName	Text	
Dob	Date/Time	
Married	Yes/No	
Address	Text	
City	Text	
State	Text	
Pin	Number	
Mobile	Number	
Email	Text	

- Sort the records in the ascending order of FirstName field.
- Prepare a query to display the EmpId, FirstName and Mobile fields.
- Prepare a query to display all the employees details whose city is Hyderabad.
- Prepare a query to display all the employees details whose FirstName begins with character ‘S’.
- Prepare a query to display all the employees details whose city is “Mumbai” or “Delhi”.
- Prepare a query to display all the employees details who are born after 1990 and whose city is “Hyderabad”.
- Prepare a form for the table and enter 5 records through the form.
- Prepare a query which asks user to enter the city name and display the details of the employees belonging to that city.
- Prepare a query to display all the employees who are married.
- Generate a report consisting of the fields EmpId, FirstName, Dob and Mobile number.

B. Create a database named “Employee.mdb” and perform the following tasks:

(For questions from 11 to 20)

Create a table named “EmpSalaryTable” having following structure and enter 10 records.

Fieldname	Datatype	Description
EmployeeId	Text	Primary Key
EmployeeName	Text	
BasicSalary	Currency	
DA	Currency	
HRA	Currency	
TA	Currency	
PF	Currency	
GrossSalary	Currency	
NetSalary	Currency	

11. Prepare a query to display the columns EmployeeId and BasicSalary.
12. Prepare a query to Calculate the DA as 50% of BasicSalary.
13. Prepare a query to Calculate the HRA as 20% of BasicSalary.
14. Prepare a query to Calculate the TA as 10% of BasicSalary.
15. Prepare a query to Calculate the GrossSalary as BasicSalary+DA+TA+HRA.
16. Prepare a Query to Calculate the PF as 12% of BasicSalary.
17. Prepare a Query to Calculate the NetSalary as GrossSalary-PF.
18. Sort the employee details in the increasing order of NetSalary.
19. Generate a form to display the details of all the employees.
20. Generate a report to display the fields EmployeeId, EmployeeName, BasicSalary, GrossSalary and NetSalary.

C . Create a database named "StudentCourseDetails" and perform the following tasks:

(for questions from 21 to 30)

Create tables with the following structure and enter 5 records in CourseTable and 10 records in StudentTable

Table name: "CourseTable"

Fieldname	Datatype	Description
Cid	Text	Primary Key
Cname	Text	

Table name: "StudentTable"

Fieldname	Datatype	Description
Sid	Text	Primary Key
Sname	Text	
Cid	Text	Foreign key
DOB	Date/ Time	
Phone	Number	

1

∞

21. Create a query to display all the fields in CourseTable..
22. Create a query to display all the fields in StudentTable.
23. Insert 5 new records in StudentTable.
24. Create a query to display fields Cid, Sid and Sname from CourseTable and StudentTable.
25. Prepare a query to display the fields Sid, Sname, Phone from StudentTable.
26. Prepare a query to display all the students studying a particular course.
27. Sort the records in Student Table in ascending order of Snames.
28. Prepare a form for StudentTable and enter 5 records.
29. Prepare a query to display all the students whose Name begins with the character "S".
30. Prepare a report to display details of StudentTable.

D . Create a database named “CustOrders.mdb” and perform the following tasks:

(for questions from 31 to 40)

Create a tables with the following structure and enter 5 records in CustomerTable and 10 records in order table

Table name:“CustomerTable”

Fieldname	Datatype	Description
CustomerId	Text	Primary Key
FirstName	Text	
LastName	Text	
Street	Text	
City	Text	
Zipcode	Text	
Email	Text	
Phone	Text	

Table name:“OrdersTable”

Fieldname	Datatype	Description
OrderId	Text	Primary Key
CustomerId	Text	Foreign key
Price	Number	
OrderDate	Date/time	
Qty	Number	

1

∞

31. Create a query to display all the fields in CustomerTable.
32. Create a query to display the fields Orderid,CustomerId from OrdersTable.
33. Insert 5 new records in the OrdersTable.
34. Prepare a query to display the fields Id, FirstName, LastName,, Phone from the CustomerTable.
35. Prepare a query to display all the fields in the OrdersTable.
36. Prepare a query to display the fields Id, FirstName, LastName, OrderId, Qty from the two tables.
37. Prepare query to display the fields OrderID, CustomerID, Qty from OrdersTable where Qty>10.
38. Prepare a query to display all the customers whose FirstName begins with the character “A”.
39. Generate a form for CustomerTable.
40. Generate a report to display the details of Order Table.

E . Create a database named “Marks.mdb” and perform the following tasks:(for questions from 41 to 50)

Create a table named “StdMarksTable” having following structure and enter 10 records.

Fieldname	Datatype	Description
StudentId	Text	Primary Key
StudentName	Text	
Marks1	Number	
Marks2	Number	
Marks3	Number	
Total	Number	
Average	Number	
Result	Text	Pass/Fail

41. Display the student details in the ascending order of StudentName.
42. Display the student details in the decreasing order of Marks1.
43. Prepare a query to Calculate the Total as sum of Marks1, Marks2, Marks3.
44. Prepare a query to Calculate the Average.
45. Prepare a query to Calculate the Result taking your own criteria.
46. Prepare a Query to display the fields StudentId, Total, Average, Result.
47. Prepare a Query to display all the students in the ascending order of their names.
48. Sort the students in the ascending order of their totals.
49. Generate a form to display the details of all the students.
50. Generate a report to display the students details who have passed.

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A sample of the Portfolio to be prepared by the students of B.Com. Final Year for commerce lab paper which will be evaluated for 70 marks. The remaining 30 marks are for Viva-voce examination and it is for 30 marks. The question bank for viva-voce examination is provided separately.

PORTFOLIO

(Should contain the following)

1. Specimen of a trade license application form
2. Specimen of a registration form under shops and establishments Act.
3. Specimen of a renewal form under shops and establishments Act.
4. Specimen of a NOC (amendment) form under shops and establishments Act.
5. Specimen of a principal employer registration form under contract labour act.
6. A copy of a partnership deed of an existing firm
7. A copy of an annual report of an existing company
8. A copy of a audit report of an existing company
9. Bank account opening form.
10. Money pay-in-slip
11. Withdrawal form – fill up a specimen with particulars.
12. Specimen of a Promissory note with details.
13. Specimen of bill of exchange with particulars.
14. Specimen of a bearer cheque.
15. Specimen of General crossing cheque
16. Specimen of special crossing cheque
17. Overdraft application form
18. Term loan application form.
19. Specimen form for pledge.
20. Specimen form for hypothecation.
21. Specimen form for mortgage
22. Specimen of life insurance application form.
23. Specimen of PF application form.
24. Obtain a copy of Memorandum of Association of a company
25. Obtain a copy of Articles of Association of a company
26. Obtain a copy of Prospectus issued by a company
27. Copy of a Commercial Invoice
28. Application form for Certificate of Origin
29. Specimen Copy of Certificate of Origin
30. Specimen Copy of Mate Receipt
31. Specimen Copy of Shipping Bill
32. Specimen Copy of Bill of Lading
33. Specimen Copy of Letter of Credit
34. Specimen Copy of Bill of Exchange
35. Specimen Copy of Bill of Entry
36. Application Form of Marine Insurance Policy

- 37. Specimen copy of form ITR 1 SAHAJ form
- 38. Specimen copy of form ITR 2
- 39. Copy of form no49A (Application for allotment of PAN)
- 40. Specimen copy of form 16
- 41. Specimen of Trust Registration form.
- 42. Specimen of GST Registration form

Students are required to do the above personally and gain the knowledge of filling the above documents and the same are to be kept in a portfolio

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Computer Lab – Practical Question Bank
FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com Computers (CBCS) –VI Semester

RELATIONAL DATABASE MANAGEMENT SYSTEM

Time: 60 Minutes

Record : 10
Skill Test : 15

Total Marks : 25

A. Create a Supplier table as shown below : (for questions from 1 to 10)

Sup_No (Primary Key)	Sup_Name	Item_Supplied	Item_Price	City
S1	Suresh	Keyboard	400	Hyderabad
S2	Kiran	Processor	8000	Delhi
S3	Mohan	Mouse	350	Delhi
S4	Ramesh	Processor	9000	Bangalore
S5	Manish	Printer	6000	Mumbai
S6	Srikanth	Processor	8500	Chennai

1. Write sql query to display Supplier numbers and Supplier names whose name starts with 'R'
2. Write sql query to display the name of suppliers who supply Processors and whose city is Delhi.
3. Write sql query to display the names of suppliers who supply the same items as supplied by Ramesh.
4. Write sql query to increase the price of Keyboard by 200.
5. Write sql query to display supplier numbers, Supplier names and itemprice for suppliers in delhi in the ascending order of itemprice.
6. Write sql query to add a new column called CONTACTNO.
7. Write sql query to delete the record whose itemprice is the lowest of all the items supplied .
8. Create a view on the table which displays only supplier numbers and supplier names.
9. Write sql query to display the records in the descending order of itemprice for each itemsupplied.
10. Write sql query to display the records of suppliers who supply items other than Processor or Keyboard.

B. Below are the details of Employees working for a software Company. (For questions from 11 to 20)

Create the table called **EmpDetails** with the below mentioned details.

Eid (Primary Key)	Ename	DOB	Designation	Salary	DOJ
E101	Suma	29-Dec-89	Designer	20000	01-Apr-10
E102	Amit	10-Jan-95	Programmer	25000	18-Feb-18
E103	Payal	15-Aug-85	Tester	35000	13-Jun-11
E104	Kiran	20-Apr-90	Programmer	40000	7-Mar-14
E105	Meenal	29-May-83	DBA	50000	9-Dec-11
E106	Sheila	1-May-70	Analyst	60000	25-Sep-18
E107	Swamy	13-Jan-85	Programmer	45000	14-Feb-16
E108	Sushma	22-Dec-76	DBA	45000	31-Jan-12

11. Write sql query to display all the employees whose designation is Programmer.
12. Write sql query to display employees who have joined after 2014.
13. Write sql query to display all the employees whose name ends with 'a'.
14. Write sql query to display the total salary of all the employees whose designation is programmer.
15. Write sql query to display all the employee names in upper case.
16. Write sql query to display the details of the employee with highest experience.
17. Write sql query to display the details of the employees whose name contains 'ee'.
18. Write sql query to increase the salaries of employees by 5000 whose designation is DBA.
19. Write sql query to display the employees whose salary is more than the average salary of all the employees.
20. Write sql query to display the record in the following format:

xxxxxxxx is working as xxxxxxxxxxxxxxxx with a Salary of Rs. xxxxxxxx

eg: Suma is working as Designer with a Salary of Rs. 20000

C. Create the two tables as shown below with the given constraints: (for questions 21 to 30)

Table name: **Employee**

Tablename: **Department**

Constraints: Eid is Primary key and DeptId is foreign key

Constraints: DeptId Primary key

Salary should not be less than 10000

and Dname is NOT NULL

Eid (Primary Key)	Ename	DeptId (Foreign Key)	Designation	Salary (> 10000)	DOJ
101	Sudha	D2	Clerk	20000	01-Apr-10
102	David	D1	Manager	50000	18-Feb-18
103	Preethi	D3	Clerk	35000	13-Jun-11
104	Kiran	D1	Salesman	20000	7-Mar-14
105	Meenal	D2	Clerk	50000	9-Dec-11
106	Sunitha	D3	Manager	60000	25-Sep-18
107	Akhil	D3	Clerk	25000	14-Feb-16
108	Sushma	D2	Manager	45000	31-Jan-12

DeptId (Primary Key)	Dname
D1	Sales
D2	Marketing
D3	Finance

21. Write sql query to display all the employees who earn more than average salary of all the employees in the company.
22. Write sql query to display the fields Eid, Ename and Dname.
23. Write sql query to sort the employee table in the descending order of salaries.
24. Write sql query to list all the job designations in the employee table without repetitions.
25. Write sql query to display all the employee details Department wise and in the ascending order of their salaries.
26. Write sql query to display all the clerks in DeptId D2.
27. Write sql query to display all the employees who joined in the year 2011.
28. Write sql query to display all the employees who joined in the month of February.
29. Write sql query to display all the employees whose salary is between 30000 and 45000.
30. Write sql query to display all the employee details along with their work experience in the company till current date.

D. Below are the details of Students enrolled in various course of B.Com (For questions from 31 to 40)

Create the table called **Student** with the below mentioned details.

Sid (Primary Key)	Sname	DOB	State	Gender	Category	Course
1001	Neha	29-Dec-02	Telangana	F	Gen	Comp
1002	Arun	10-Jan-02	Telangana	M	OBC	Honors
1003	Payal	15-Aug-01	Maharashtra	F	Gen	Appl
1004	Amrita	20-Apr-02	Karnataka	F	OBC	Honors
1005	Pavan	29-May-03	AndhraPradesh	M	ExServicemen	Comp
1006	Anchal	1-May-03	Gujarat	F	OBC	Comp
1007	Ramya	13-Jan-02	Telangana	F	Gen	Appl
1008	Rakesh	22-Dec-01	AndhraPradesh	M	Sports	Comp

31. Write sql query to display the students who are not from Telangana or AndhraPradesh.
32. Create a view to display the columns Sid, Sname for students belonging to Telangana.
33. Write sql query to create an index on column Sname.
34. Write sql query to display all the female students enrolled under Comp course and who belong to OBC.
35. Write sql query to display the student ids, names, and their present age.
36. Write sql query to display the students in the ascending order of their names for each course.
37. Write sql query to delete all the students records who have enrolled for Comp course and who are born after 2002.
38. Write a sql query to add two new columns Contactno and Email to the existing fields.
39. Writs an sql query to display all the Student names prefixed with Mr./Ms. Based on Gender column.
40. Write an sql query to display all the Student names where the length of the name is 5 characters.

E. Create a Table for Library Information : (for questions from 41 to 50)

Table name: **Library**

Constraints: BookId is primary key and BookName is NOT NULL

BookId (Primary Key)	BookName	Author	DatePurchased	Publisher	Price
B101	Cost Accounting	Jain Narang	11-Feb-13	Kalyani	800
B102	Business Statistics	OP Aggarwal	22-Dec-11	Himalaya	750
B103	Rdbms	C J Date	2-Mar-15	TMH	900
B104	Mgmt Accounting	RK Sharma	19-Apr-16	Kalyani	450
B105	Operating Systems	Galvin	25-Nov-13	PHI	750
B106	Advanced Accounting	SC Gupta	16-Apr-18	Himalaya	600

41. Write sql query to display the list of authors from Himalaya publications.
42. Write sql query to display the total cost of books purchased Publisher wise.
43. Write sql query to count the total number of books under Kalyani publications.
44. Write sql query to rename the column Publisher as Publications.
45. Write a sql query to display the books in the ascending order of DatePurchased.
46. Write sql query to create an index on the fields BookName and Author.
47. Write sql query to display the books whose price is between 500 and 700
48. Write sql query to increase the price of all the books by 200 for publishers other than Himalaya or Kalyani.
49. Write sql query to display the book details where author name contains the name Sharma.
50. Create a view to display the fields BookId and BookName where the Publisher is Himalaya.

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