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

M.Com (CBCS) II Semester
E-Commerce

Time: 60 Minutes

Record	**:10**
Skill Test	**:15**
Viva - Voce	**:10**
Total Marks	**:35**

HTML:

1. Create a Web page to display the timetable of your class with the following format and use all the attributes associated with table tag.

	1st hour	2nd hour	3rd hour		4th hour	5th hour	6th hour
Mon							
Tue				B			
Wed				R			
Thu				E			
Fri				A			
Sat				K			

2. Create a Web page to display the following table using all the attributes of table tag:

IMG LOGO		POPULATION			
		STATE 1		STATE 2	
		M	F	M	F
2021	Lit				
	illit				
2022	Lit				
	illit				

3. Create a Web Page to display 3 text boxes and apply at least 4 different styles to each text box using style attributes.

4. Create a Web Page to display the Header Tags

5. Create a Web Page to use all formatting text tags

6. Create a Web page for Student Bio-Data form.

7. Create a web page of Employee information form, when the information is submitted, message should be displayed.

8. Create a web Page to display 5 images using all the attributes of the image tag

9. Create a Web Page to display ordered list.

10. Create a Web Page to display un-order list.

11. Create a Web Page to display definition list.

12. Create a Web Page to display frame with the following format, Use necessary attributes for the tags. When the user clicks the link in the left frame the contents should be displayed in the right frame.

HEADING	
Order list Unorder list Definition list	Display the clicked page here

13. Create a Web page to display Overlapping of Images. The images should scroll.

14. Create a web Page to display overlapping text blocks and use various dimensions for the block.

15. Create a Web page with an image, when the mouse is doubled clicked new image should replace the existing.

16. Create a Web page to display images and apply transition effect of the image.
17. Create a Web page and apply mouse effects to change text color, size, family ect on the text.

18. Create a Web page to calculate the total cost of the articles purchase in the following format:

Quantity:

Price:

Sub Total:

Calculate Cost:

Taxes:

Total cost:

19. Create a Web page with an image, when the mouse is double clicked new image should replace the existing image.

20. 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.

21. Create a Web page to display students registration form with the following format:

STUDENTS APPLICATION FORM

Student Name: [_____]

Father's Name: [_____]

Address:

[_____]

Course:	B.Sc. B.Com, B.A.	Combination	Reg. Vocation Comp.

Gender: O Male O Female

Qualification:

Sports interested in

☐	☐	☐	☐
Tennis	Cricket	Football	Long Jump

[Reset]

[Submit]

Scrolling message

22. Create a Web page with 2 vertical frames, left frame with a link and image, when you click on the link a form should be displayed in the right frame.

23. Create a Web page to use Marquee Tag.

24. Create a Web Page to Horizontal and Vertical lines of the text Heading.

25. Create a Web Page using Radio button and Check boxes

Advance Excel

26. Create a table with the following fields:

Rno	Name	Sub1	Sub 2	Sub3	Sub4	Sub5	Total	Avg	Result

(Assume your own data)
a. Calculate the Total Marks
b. Calculate the Average
c. Calculate the Result
d. Count the number of pass students
Criteria:
Assume max. marks in all the subjects is 100.
*Result is calculated as **Pass** if the student has secured > 35 marks in all the subjects else Result is **Fail***

27. Create a table with the following fields:

Rno	Name	Total	Avg	Result	Grade

(Assume your own data)
Criteria:
*Result is calculated as **Pass** if the student has secured > 35 marks in all the subjects else Result is **Fail***
Grade is calculated based on the following criteria:
If Avg is between 80 and 100 then Grade is *Distinction*
If Avg is between >=60 and <=80 then Grade is *First*
If Avg is between >=50 and <=60 then Grade is *Second*
If Avg is between >=40 and<= 50 then Grade is *Third*
Note: Grade is calculated only if the Student Result is Pass else Grade is assumed to be Fail.

28. Create the following table

EmpId	Ename	Basic	DA	HRA	PF	Net Salary
101	A	30000				
102	B	45000				
103	C	25000				
104	D	50000				
105	E	35000				

Calculate DA as 25% of Basic , HRA as 20% of Basic and PF as 12% of Basic.
Net Salary is Basic+DA+HRA-PF
Note: Use Relative Referencing

29. Create the following table

EmpId	Ename	Basic	TA	DA
101	A	30000		
102	B	45000		
103	C	25000		
104	D	50000		
105	E	35000		

Calculate TA as 10% of Basic and DA as 5% of Basic
Note: Use Absolute Referencing

30. Create the following table

ID	Name	Q1	Q2	Q3	Q4	Total	Q1%	Q2%	Q3%	Q4%
S1	A	20000	25000	35000	10000					
S2	B	45000	35000	10000	25000					
S3	C	25000	45000	20000	35000					
S4	D	50000	40000	10000	20000					
S5	E	35000	25000	10000	40000					

    a. Calculate Total of sales made by salesmen in four quarters.
    b. Calculate the % of sales made by each salesmen in all four quarters
Note: Use Mixed Referencing

31. Create the table

Loan Amount	2000000
Interest Rate	13%
Loan Period(years)	5

Calculate the PMT, IPMT, PPMT for the above data.

32. Calculate
a. PV for the given data:

PMT	8000
Interest Rate	8%
Period	2

b. Calculate FV for the given data:

Premium	25000
Rate	6%
Period	10

c. Calculate NPER for the given data:

Loan amount	1000000
Interest Rate	5%
PMT	-4500

33. Create the table and find the rank of the students

Student Name	Score	Rank
C	55	
D	33	
A	66	
E	88	
B	44	

34. Create a table with the following fields:

Rno	Name	Sub1	Sub 2	Sub3	Sub4	Sub5	Total	Avg

(Assume your own data)
Create a column chart taking the columns Name, Sub1, Sub3, Sub5 marks only.

35. Create a table with the following fields:

ROLLNO	NAME	S1	S2	S3

(Assume your own data)
Draw a Bar diagram with appropriate Design, Formatting options and Chart headings:

36. Create the following table for Salesman data for the sales made during four quarters of the year.

ID	Name	Q1	Q2	Q3	Q4
S1	A	20000	25000	35000	10000
S2	B	45000	35000	10000	25000

Create a Line Chart for the above data and generate Trendlines comparing the performance of the Salesman.

37. Consider the data given below:

Semester	Sub1	Sub2	Sub3	Sub4	Avg
Marks	55	75	45	65	60.00

Calculate: How much should the student score in sub3 so that his Avg score becomes 70.00
(Use What-if analysis Goal seek)

38. Calculate Subtotals for the following data Region wise:

Region	Product Name	Qty(in units)
North	Keyboard	20
South	Mouse	10
West	Printer	15
East	Scanner	30
South	Keyboard	25
East	Scanner	10
South	Printer	30
North	Printer	35
East	Mouse	40
West	Keyboard	25

39. Create the table with following details and apply the following Data validations:

Student Name	Course	Gender	Age

(Assume your own data)
a. Student Name should not exceed more than 15 characters
b. Course should be either M.Com/M.Com IT/MBA (Create a Drop down list for the same)
c. Gender should be M/F (Drop down list)
d. Age should be between 20 and 50

40. Calculate Age in no. of years, months and days from the following table:

EmpName	Date of Joining	Experience in Years	Months	Days

(Assume your own data)

41. Create the table with following details and apply the following Data validations:

Employee Name	Department	Age	Salary

(Assume your own data)

a. Create a Drop down list for Department (HR/Sales/Marketing/Finance)
b. Salary should be between 20,000 and 1,00,000
c. Create a user defined alert message "Age should be between 20 and 50 yrs only" when age entered is not between 20 and 50.

42. Create the following table and use conditional formatting:

Sno	Name	Sub1	Sub2	Sub3	Total	Avg	Result
101	C	55	33	66			
102	A	75	44	38			
103	B	66	24	37			
104	E	68	56	45			
105	D	45	65	37			

a. Calculate Total, Avg and Result as Pass or Fail (if all the subject marks are >35 then student is pass else fail.
b. Highlight all the students who have passed
c. Highlight all the students who have passed and secured more than 60 in sub1.
d. Highlight the top 3 students in Total.
e. Highlight the students who have secured more than 50 in sub1 but have failed in sub2.

43. Create the following table

ID	Name	Q1	Q2	Q3	Q4	Total Sales	Avg Sales
S1	A	40000	25000	35000	10000		
S2	B	45000	35000	10000	25000		
S3	C	15000	45000	20000	35000		
S4	D	50000	40000	10000	20000		
S5	E	15000	25000	10000	40000		

a. Calculate the Total Sales and Avg Sales made by the Salesman.
b. Sort the Data in the ascending order of Total Sales.
c. Sort the Data in Ascending order of Sales made in Q1 and then by Q2 (Use Multi-level Sorting)
d. Filter only those salesman details whose Total Sales exceeded Rs.1,00,000 (Use Filtering)

44. Create the following table:

Salesman Name	Product	Region	Date	Units	Sales amount

(Assume your own data)
Product details are : Keyboard/Pendrive/Camera/Mouse
Region details are : East/West/North/South/NorthEast/SouthWest
a. Create a Pivot Table showing Salesman Name in the rows and Region in the columns.
b. Create a Pivot Table showing the count of sales made by each Salesman Region wise.
c. Create a Pivot Table showing the Sum of Sales made by each Salesman Region wise.
d. Create a Pivot Chart for the above data.

45. Create the following table:

Salesman Name	Product	Region	Date	Units	Sales amount

(Assume your own data)
Product details are : Keyboard/Pendrive/Camera/Mouse
Region details are : East/West/North/South/NorthEast/SouthWest
a. Create a Pivot Table showing Maximum Sales made by each Salesman Name Region wise.
b. Create a Pivot Table showing the Average Sales made by each Salesman Region wise.
c. Create a Slicer for the pivot table on the field Salesman Name.

46. Ten Students were selected 2 from UPGCS so as to observe weekly pocket money which was as follows:

Student No.	1	2	3	4	5	6	7	8	9	10
Pocket Money	20	22	21	15	25	19	18	20	21	22

Calculate the **T-Test** whether the sample supports that on an average students get Rs. 25 as pocket money
Hint: $\mu = 25$, n=10, $H_o : \mu\ 25$, $H_1 : \mu \neq 25$, A = 18

47. The time taken by workers in performing a job by method –1 and method-2 is given below:

Method -1	20	16	26	27	23	22	
Method -2	27	33	42	35	32	34	38

Calculate the **F-Test,** do the data show that the variances of time distribution from population from which these samples are drawn do not differ significantly?

48. The average number of defective articles in a certain factors is claimed to be less than the average for all the factories. The average for all the factories was 30.5, a random sample of 100 defective articles. Showed the fallowing distribution:

Class limit	No. of Defectives
16-20	12
21-25	22
26-30	20
31-35	30
36-40	16

Calculate the **Z- Test,** Hint: $\mu = 30.5$ $H_0 : \mu = 30.5$ $H_1 : \mu < 30.5$ C = 5 A = 28 bc/c

49. A dice is thrown 90 times with the following results

Face	Frequency
1	10
2	12
3	16
4	14
5	18
6	20
	Total =90

Calculate the **Chi-Square Test**, Formula $x^2 = \sum(O-E)^2/ E$ significance level is 5%.

50. The following information relating to three drugs testing to judge the effectiveness in reducing blood pressure for three different group of people.

Amount of Blood Pressure Reduction in Millimeters

Drug group of people	K	L	M	
A	14	10	11	
	15	9	11	70
B	12	7	10	
	11	8	11	59
C	10	11	8	
	11	11	7	58
	73	56	58	

Calculate the **ANOVA Test,** Do the drugs Act significantly? Are different groups of people affected differently test at 5% level of significance.