

## TYBCOM Practical Question Bank

### 1. Solve following questions using database functions.

	A	B	C	D	E
1	Name	Salary	Branch		
2	Manish	5000	THANE		
3	Mangesh	4000	MUMBAI		
4	Meenal	6500	KALYAN		
5	Praveen	4000	PUNE		
6	Pankaj	4100	NASHIK		
8	Q1. Find out salary of mangesh.				

### 2. Create following tables.(Using and linking Multiple worksheet)

1. Create a table with 5 records on named worksheet 'SER1' with Team and Score of India against team in series 1.

The screenshot shows a Microsoft Excel window titled 'Book1 - Microsoft Excel'. The active worksheet is 'SER1'. The table contains the following data:

Team	Score of India
AUS	250
PAK	320
BAN	315
SA	240
WI	260

2. Create a table with 5 records on named worksheet 'SER2' with Team and Score of India against team in series 2.

The screenshot shows a Microsoft Excel window titled 'Book1 - Microsoft Excel'. The active worksheet is 'SER2'. The table contains the following data:

Team	Score of India
AUS	300
PAK	240
BAN	260
SA	312
WI	300

### Q. Solve following question on separate worksheet (like sheet3)

1. Take name of teams in column A of a worksheet(sheet3) using cell reference.
2. Find out Minimum Score of India against each team in column B.
3. Find out average score of India against each team in column C.
4. Find out total score of India against each team in column D.

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3. Create following tables.(Topic : Using and linking Multiple workbook)
1. Create a table with 5 records on new workbook 'SER1.xlsx' with 'Team' and 'Score of India' against team in series 1.

	A	B	C	D	E
1	Team	Score of India			
2	AUS	250			
3	PAK	320			
4	BAN	315			
5	SA	240			
6	WI	260			

2. Create a table with 5 records on new workbook 'SER2.xlsx' with 'Team' and 'Score of India' against team in series 2.

	A	B	C	D	E
1	Team	Score of India			
2	AUS	300			
3	PAK	240			
4	BAN	260			
5	SA	312			
6	WI	300			

- Q. Solve following question on separate workbook 'MatchSummery.xlsx'

1. Find out Maximum Score of India against each team in column B.
2. Find out average score of India against each team in column C.

3. Insurance agent's name and his total business have been entered in column A and B respectively for 5 agents. First row contains heading next rows contain data. Write steps to compute commission and commission is 5% of the business upto to Rs 1,00,000 and 10% on additional business. Bonus is 2% of business exceeding Rs 5,00,000 otherwise it is 0.
4. A worksheet contains employee number and monthly gross pay entered in column A and B respectively in the first 6 rows. In first row headings are entered and in remaining rows data is entered. Write steps to compute annual income and income tax in column C and D respectively where income tax is to be calculated as follows:

Annual income	Income tax
First 100000	Nil
Next 100000	20%
Excess	30%

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5. The following data has been entered in a worksheet:

B9			
	A	B	C
1	NAME	SALES	DISCOUNT
2	neelam	18000	
3	eram	20000	
4	kishwar	32000	
5	ekta	8000	
6	hetal	50000	
7	chandni	16000	
8	iharna	25000	

Write a formula in cell C2 to calculate discount as follows:

SALES	DISCOUNT
First 10000	5%
Above Rs 10000 and upto Rs 25000	8%
Above Rs 25000 and upto Rs 40000	10%
Above Rs 40000	12%

6. Answer the following Refer Table

A4				
	A	B	C	D
1	cost	life in years	rate of depreciation	
2	1000000	5	20%	

Using straight line method, explain the procedure to display year wise depreciation and depreciated value for each year till the life of Machinery. Use your own cell addresses.

7. Consider the following worksheet containing the cost of an Asset, the rate of depreciation and the life of that asset in year. Using reducing balance method explain the procedure to display year-wise depreciation and the W.D.V for each year till the life of the Asset in column, D,E, and F respectively.

C7						
	A	B	C	D	E	F
1	Asset Value	rate of depreciation	life in years	years	depreciation	W.D.V
2	300000	8%	5%			

8. The following data has been entered in a worksheet.  
Refer Table.

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D17			
	A	B	C
1	NAME	SALARY	TAX
2	neelam	18000	
3	eram	20000	
4	kishwar	32000	
5	ekta	8000	
6	hetal	50000	
7	chandni	16000	
8	jharna	25000	

Write a formula in cell C2 to calculate tax as follows

SALES	TAX
First Rs 10000	5%
NEXT 15000	8%
Excess	10%

Solve following questions using filter

	A	B	C	D
1	Name	Dept.	Gend	Salary
2	Manish	Sales	M	8000
3	Rajesh	Admin	M	5000
4	Meena	Sales	F	6500
5	Teena	Admin	F	4500
6	Praveen	Admin	M	5000
7	Pankaj	Admin	M	1400
8	Meenal	Sales	F	7800

- Q1. DISPLAY THE LIST OF MALE EMPLOYEES
- Q2. DISPLAY THE LIST OF FEMALE EMPLOYEES
- Q3. DISPLAY THE LIST OF RECORDS WHERE SALARY IS MORE THAN 5000
- Q4. DISPLAY THE LIST OF RECORDS WHERE SALARY IS LESS THAN 5000
- Q5. DISPLAY THE LIST OF RECORDS WHERE SALARY IS 5000 AND MORE

## TYBCOM Practical Question Bank

Solve following questions using filter

	A	B	C	D
1	<b>Name</b>	<b>Dept.</b>	<b>Gend</b>	<b>Salary</b>
2	Manish	Sales	M	8000
3	Rajesh	Admin	M	5000
4	Meena	Sales	F	6500
5	Teena	Admin	F	4500
6	Praveen	Admin	M	5000
7	Pankaj	Admin	M	1400
8	Meenal	Sales	F	7800

Q6. DISPLAY THE LIST OF RECORDS WHERE SALARY EXACT 5000.

Q7. DISPLAY THE LIST OF SALES DEPARTMENT EMPLOYEES

Q8. DISPLAY THE LIST OF ADMIN DEPARTMENT FEMALE EMPLOYEES

Q9. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS WITH CHARACTER 'M'

Q10. DISPLAY THE LIST OF RECORDS WHERE NAME ENDS WITH CHARACTER 'M'

Solve following questions using filter

	A	B	C	D
1	<b>Name</b>	<b>Dept.</b>	<b>Gend</b>	<b>Salary</b>
2	Manish	Sales	M	8000
3	Rajesh	Admin	M	5000
4	Meena	Sales	F	6500
5	Teena	Admin	F	4500
6	Praveen	Admin	M	5000
7	Pankaj	Admin	M	1400
8	Meenal	Sales	F	7800

Q11. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS WITH 'M' AND ENDS WITH CHARACTER 'L'

Q12. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS WITH 'PA'.

Q13. DISPLAY THE LIST OF RECORDS WHERE NAME CONTAINS CHARACTER 'A'.

Q14. DISPLAY THE LIST OF RECORDS WHERE SALARY IS BETWEEN 4000 TO 7000

Q15. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS WITH SECOND CHARACTER 'A'.

Solve following questions using filter

	A	B	C	D
1	<b>Name</b>	<b>Dept.</b>	<b>Gend</b>	<b>Salary</b>
2	Manish	Sales	M	8000
3	Rajesh	Admin	M	5000
4	Meena	Sales	F	6500
5	Teena	Admin	F	4500
6	Praveen	Admin	M	5000
7	Pankaj	Admin	M	1400
8	Meenal	Sales	F	7800

Q16. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS ENDS WITH SECOND LAST CHARACTER 'S'.

Q17. DISPLAY THE LIST OF RECORDS WHERE NAME BEGINS WITH SECOND AND SECOND LAST CHARACTER 'A'.

Q18. DISPLAY THE LIST OF RECORDS WHERE NAME CONTAINS CHARACTER 'A' TWO TIMES.

Q19. DISPLAY THE LIST OF THE MALE EMPLOYEES WHERE SALARY IS MORE THAN 5000

Q20. WRITE STEPS TO CLEAR FILTER AND REMOVE FILTER.

## TYBCOM Practical Question Bank

Solve the following questions:

	A	B	C	D	E	F	G	H	I
1	Production	Y-1995	Y-1998	Y-2000	Y-2003				
2	wheat	5400	7400	4000	4700				
3	Bajara	5800	8600	11000	6500				
4	Rice	4700	4500	9000	8000				
5									

- Q1.Create Pie chart of production of year 1995
- Q2.Create Pie chart of production of year 2000
- Q3.Create Pie chart of production of Rice
- Q4.Create Pie chart of production of Wheat
- Q5.Create Column chart of production of food grains of all year

Solve the following questions:

	A	B	C	D	E	F	G	H	I
1	Production	Y-1995	Y-1998	Y-2000	Y-2003				
2	wheat	5400	7400	4000	4700				
3	Bajara	5800	8600	11000	6500				
4	Rice	4700	4500	9000	8000				
5									

- Q1.Create Pie chart of production of year 2003
- Q2.Create Pie chart of production of year 1998
- Q3.Create Pie chart of production of Rice
- Q4.Create Pie chart of production of Wheat
- Q5.Create Column chart of production of food grains of all year

## Excel Practical 5 Complete

## TYBCOM Practical Question Bank

### V.B.

- 1) Write a complete program that displays the message “Welcome to Lab” in the caption of the label lblOutput when the user clicks the command button cmdClick.
- 2) Develop a project in VB to design a suitable form to add two numbers & display their sum.
- 3) Create a project that allows the user to enter the marks scored by a student in three subject. The program should calculate the average marks and display the result formatted with two decimal places.
- 4) Create a project that allows the user to enter two numbers in text boxes. The program should exchange the contents of the two variables by using a third temporary variable.
- 5) Create a project that calculates the simple interest(I) earned on a principal deposit of Rs. P, kept in a bank for time period T years, if it earns an interest at the rate of Rs. R per year. Also calculate the total amount due after T years. Total amount due is sum of principal amount (P) and the interest earned (I) during this time. Output should be formatted using the FormatCurrency function.
- 6) Write a project in VB to design a suitable form to enter three numbers and display maximum of three of them using message box.
- 7) Write a project in VB to design a suitable form to enter a number and check if it is even or odd.
- 8) Write a project in VB to design a suitable form to enter marks of three subjects. Calculate total, percentage and display pass or fail.
- 9) Write a project in VB to design a suitable form to enter marks of three subjects. Calculate total, percentage and display grades of the students.
- 10) Write a project in VB to design a suitable form to enter the Name and Basic Salary and calculate Bonus as 30% of basic salary whenever Basic Salary is less than 10000 otherwise 40% of Basic salary using calculate button and display the result.

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11) Write a project in VB to design a suitable form to enter salary earned by an employee and display the tax to be paid by using the following rules

Salary	Tax
Less Than 100000	Nil
100000-199999	10% of salary
200000 or more	20% of salary

12) Suppose the variable age and gender are declared as integer and character type respectively. Take the input from the user and declare the person as eligible for marriage based on the following conditions: if gender is female and age is 18 years or more, the person is eligible to marry. If gender is male and age is 21 years or more, person is eligible to marry. In all other cases, person cannot marry.

13) Write a project in VB which provides the following income tax slab along with tax rate, irrespective of gender (male or female). Design a suitable form asking total tax and annual net pay of the person.

Annual Income	Tax Rate %
0-1,50,000	Nil
1,50,001-2,00,000	10%
2,00,001 and above	20%

14) Write an application with the following specifications:

- A single text box to enter text.
- Three check boxes for Bold, Italic and Underline, to format the text in the text box.
- Three option buttons for Red, Green and Blue color to change the color of the text displayed in the text box.
- A command button to exit the application.

15) Write a project in VB to compute and display the sum of 1 to 10 numbers.



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- 16) Write a project in VB to compute and display the sum of numbers upto N.
- 17) Write a project in VB to compute and display the sum of odd numbers from **1 to 10**.
- 18) Write a project in VB to compute and display the sum of even numbers from **1 to 10**.
- 19) Write a project in VB to compute and display the sum of series  **$1/2+2/3+3/4+\dots+9/10$** .
- 20) Write a project in VB to compute and display the sum of series  **$2/3+4/5+6/7+\dots+10/11$** .
- 21) Write a project in VB to compute and display the sum of series  **$2^2/5^2+3^2/6^2+\dots+32^2/35^2$**
- 22) Write a program to accept a number in a text box and print its table in the label in a form  
 **$1 * 4 = 4$**   
 **$2 * 4 = 8$** , and so on.