

Excel Practice Problems

[Questions are adapted from exercises given in 'Computing for Business & Economics' by Shama Razi at L.S.E]

Question 1

Salesman	Sales 2009	Sales 2010	Appraisal
Alex	2396	12384	Raise
Ben	11234	16723	Raise
Carol	9987	8799	Fired
Doe	12390	23870	Raise
Elf	22359	3487	Fired
Fred	5567	3476	Fired
George	29864	34987	Raise

Note:

A Salesman gets a raise when its year 2010 sales are greater than year 2009's sales.

Question 2a

Exam	Marks (%)	Scholarship
Matric	81	Yes
Inter	70	No
Matric	60	No
Inter	90	No

Note:

Scholarship = Yes if Passed Exam is matric and marks scored are above 80%

Question 2b

Exam	Marks	Scholarship
Matric	81%	Yes
Inter	70%	Yes
Matric	60%	No
Inter	90%	Yes

Total Scholarship holders: 3

Note:

Scholarship = Yes if Passed Exam is inter or marks scored are above 80%

Question 2c

Exam	Marks	Scholarship
Matric	81%	Yes
Inter	70%	No
Matric	60%	No
Inter	90%	Yes

Total Scholarship holders: 2

Note:

Scholarship = Yes if Passed Exam is matric or inter and marks scored are above 80%

Question 3a

Grade	Description
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A	Excellent
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B	Bad
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C	Bad
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D	Bad
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F	Bad
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Note:

Description = Excellent If scored grade is A otherwise Bad.

Question 3b

Grade	Description
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A	Excellent
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B	Good
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C	Bad
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D	Bad
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F	Bad
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Note:

Description = Excellent If scored grade is A, Good if scored grade is B, otherwise Bad.

Question 3c

Grade Description

A	Excellent
B	Good
C	Average
D	Bad
F	Bad

Note:

Description = Excellent If scored grade is A, Good if scored grade is B, Average if scored grade is C, otherwise Bad.

Question 4:

Name	Age	Dept	Salary	Can Avail Holidays	Tax	Take Home Income	Grade
Alex	21	Sales	2200				
Ben	22	HR	3210				
Carol	25	MKT	5210				
Doe	29	Sales	4521				
Elf	31	HR	3652				
Fred	22	MKT	1236				
George	27	HR	2145				

Youngest Employee's Age:

Eldest Employee's Age:

Highest Salary:

Average Salary:

Note:

1. Youngest employee: employee with least age
2. Eldest employee: employee with highest age
3. Highest salary taker: employee with highest salary
4. Average salary: average of all the salaries
5. Sales Dept. employees can avail holidays
6. Tax: 2% for Age less than 25 otherwise 3%, rounded to next number
7. Take Home Income: Salary - Tax
8. Grade:
 - A For all Sales and HR employees, having age less than and equal to 26
 - B For all other employees

Question 5

City	Province	
Lhr	Punjab	19
Khi	Sindh	21
Isb	Punjab	19
Peshawar	Khyber Pukhtoonkhwa	34
Quetta	Balochistan	42

Note:

If city is Lhr then province is Punjab and number 19, if City is khi then province is Sindh and number 21, if city is Isb then province is Punjab and number 19, if city is Peshawar then province is Khyber Pukhtoonkhwa and number 34, if city is Quetta then province is Balochistan and number 42.