

Computerised Accounting Practical

Model # F002

Project No:

Title : **Loan Repayment Schedule (PMT with One Variable Table)**

Question

Consider the following information

- Loan amount - ₹ 300,000
- No. of Payments - 48 months
- Annual Rate of interest - 10%

Prepare a one variable table showing the repayment of the above loan in different number of payment such as 12 months, 24 months, 36 months, 48 months, 60 months and 72 months. Use PMT Function.

Procedure

Step-1 : Open a blank worksheet in Libre Office Calc

Step-2 : Analyse the question, list out the various components needed for PMT function and enter these details in various cells as follows

Cell	Value
A1	Rate
B1	10%
A2	No.of Instalmets
B2	48
A3	Present Value (PV)
B3	300000
A4	Future Value (FV)
B4	0
A5	Type
B5	0
A6	Monthly Instament (PMT)

Step-3 : In the cell B6 enter the following formula to calculate monthly Instalment

=PMT(B1/12,B2*12,B3,B4,B5)

Step-4 : In the cell A8 enter the label '**Different number of Instalments**' and in A9 enter the label '**Monthly Instalments**'

Step-5 : In the range B8:G8 enter different possibilities of nper as 12, 24, 36, 48, 60 and 72

Step-6 : Select the range B8:G9

Step-7 : Go to the menu **Data→ Multiple Operations..** . This will bring a Multiple Operation dialogue box

Step-8 : In the Formulas field enter the absolute cell address of the cell where basic calculation of PMT is done ie **\$B\$6** (or you can click 'Shrink' button against this field and select the cell)

Step-9 : Leave the Row Input field as blank, since this is not needed here

Step-10: In the Column input cell enter the absolute cell address of the cell where basic nper is given ie; **\$B\$2** (or you can click 'Shrink' button against this field and select the cell)

Step-11: Then Click OK button

Output

	A	B	C	D	E	F	G
1	Rate	10.00%					
2	No.of Instalments	48					
3	Present Value	300000					
4	Future Value	0					
5	Type	0					
6	Monthly Instalment (Pmt)	-₹7,608.78					
7							
8	Different No.of Instalments	12	24	36	48	60	72
9	Monthly Instalment (Pmt)	-26374.77	-13843.5	-9680.16	-7608.78	-6374.11	-5557.75