

Computerised Accounting Practical

Model # E004

Project No:

Title : **Depreciation -DB with One Variable Table**

Question

A machinery was purchased on 1st April 2013 for Rs. 200000. Its estimated life is 10 years with salvage value of Rs. 20000. Accounting year is 1st April to 31st - March every year. Using builtin function (Spreadsheet) calculate depreciation under the Diminishing Balance Value method for 5 years

Procedure

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

Step-2 : Analyse the question and give the available values and their labels as given in below in different Cells

Cell	Value
A1	Cost of Asset
B1	200000
A2	Salvage Value
B2	20000
A3	Life in Years
B3	10
A4	Period
B4	1
A5	Month
B5	12
A6	Depreciation for First Year

Step-3 : In the cell B6 enter the following formula to calculate depreciation under diminishing balance method

=DB(B1,B2,B3,B4,B5)

- Step-4 : In the cell A8 enter the label '**Years**' and in A9 enter the label '**Depreciations**'
- Step-5 : In the range B8:F8 enter year from 1 to 5
- Step-6 : Select the range B8:F9
- 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 **DB** 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 **period** is given ie; **\$B\$4** (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
1	Cost of Asset	200000				
2	Salvage Value	20000				
3	Life in Years	10				
4	Period	1				
5	Month	12				
6	Depreciation for Fiest Year	₹41,200.00				
7						
8	Years	1	2	3	4	5
9	Depreciation	41200	32713	25974	20623	16375