

**Course
&
Test Series**

 **CBSE**

 **ICSE**

 **NTSE**

 **Banking &
Insurance**

 **Central Govt.
Service**

 **State Govt.
Services**

 **LAW
Entrance**

 **MBA
Entrance**

 **Railways & Metro
Services**

...many more

abhyasonline.in

Self-Made Assignment - MS Excel

Use of NPV Net Present Value and PMT Function in MS Excel

Make MS Excel assignment using NPV and PMT function in excel.

NPV Calculation

Scenario:

You have a business project that will generate cash inflows over the next five years. The initial investment required is ₹50,000, and you expect the following annual cash inflows:

Year	Cash Inflow (₹)
1	10,000
2	12,000
3	15,000
4	18,000
5	20,000

Assume a discount rate of 8%.

Formula: =NPV(rate, range_of_cash_flows) - Initial_Investment.

PMT Calculation

Scenario:

You are planning to take a loan of ₹100,000 to buy equipment, with an interest rate of 6% per year, to be repaid over 5 years with monthly payments.

Loan Amount (₹)	Annual Interest Rate (%)	Loan Term (Years)
100,000	6	5

Formula: =PMT(rate/12, loan_term*12, -loan_amount)