MGF1107 – Personal Financial Management

Formula Sheet

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| --- | --- | --- |
| Name | Formula | Variables |
| Simple Interest |  | P=principal  r=annual rate  t=time |
| Future Value For Simple Interest |  | P=principal  r=annual rate  t=time |
| Future Value For Compound Interest |  | P=principal  r=annual rate  t=time  n=number of times per year compounded |
| Effective Annual Yield | -1 | Y=yield  r=annual rate  n=number of times per year compounded |
| Future Value for Continuous Compounding |  | P=principal  r=annual rate  t=time |
| Inflation Proportion |  |  |
| Unearned Interest – Actuarial Method |  | R=Regular monthly payment  K=number of remaining payments after current payment  h=finance charge per $100 |
| Payoff Amount |  | R=Regular monthly payment  K=number of remaining payments after current payment  U=unearned interest |
| Unearned Interest – Rule of 78 |  | F=original finance charge  n=number of payments originally scheduled  k=number of remaining payments |
| Finance Charge per $100 financed |  | H=finance charge per $100 financed  APR=true APR for loan |
| Regular Monthly Payment |  | P=principal  r=annual rate  t=time  R=regular payment |
| Net Asset Value of a Mutual Fund |  | NAV=net asset value  A=total fund assets  L=total fund liabilities  N=number of outstanding shares |