

**1) What type of housing would you suggest for people in the following life situations?**

**a. A single parent with two school-age children.**

ANS : In this case perhaps a small house with double bed room or condominium would be nice as it would be affordable and located near the city which means it is near workplace and school.

**b. A two-income couple without children.**

ANS : In this case I believe either small house or condominium would be nice.

**c. A person with both dependent children and a dependent parent.**

ANS : In this case a nice house that can provide bedroom for each of the member would be nice.

**d. A couple near retirement with grown children.**

ANS : In this case, a decent house that they can afford and still have some amount of money left for them to use.

**2) Which mortgage would result in higher total payments?**

Mortgage A: \$970 a month for 30 years

Mortgage B: \$760 a month for 5 years and \$1005 for 25 years

ANS : We will multiply each year with 12 due to the months.

For mortgage A:  $970 \times (30 \times 12) = \$349,20$

For mortgage B:  $760 \times (5 \times 12) + 1005 \times (25 \times 12) = 45,600 + 301,500 = \$347,100$

We can clearly see that mortgage A will have higher payment than mortgage B.

**3) What are the two main types of consumer credit?**

ANS : There are two main types of consumer credit which are, Closed-End and Open-End Credit.

**4) What are the general rules of measuring credit capacity?**

ANS : There are two main general rules to measure the credit capacity which are, Debt payments to income ratio and P/E ratio

**5) A few years ago, Michael Tucker purchased a home for \$100,000. Today, the home is worth \$150,000. His remaining mortgage balance is \$50,000. Assuming that Michael can borrow up to 80 percent of the market value, what is the maximum amount he can borrow?**

ANS : Total amount that Michael can borrow =  $150,000 \times 0.8 = 120,000$

Michale owned = 50,000

Total amount Michale can borrow  $120,000 - 50,000 = 70,000$