

**Q-1.** In the securitization process, which of the following is most likely a third party to the transaction? The:

- A. seller of the collateral.
- B. special purpose entity.
- C. financial guarantor.

**Q-2.** In a mortgage pass-through security the pass-through rate:

- A. Is adjusted as market rates rise or fall.
- B. Is equal to the mortgage rate on the underlying pool of mortgages.
- C. Adjusts the rate on the underlying pool of mortgages by a servicing fee.

**Q-3.** An investor who owns a mortgage pass-through security is exposed to contraction risk which is the risk that when interest rates:

- A. decline, the security will effectively have a longer maturity than was anticipated at the time of purchase.
- B. decline, the security will effectively have a shorter maturity than was anticipated at the time of purchase.
- C. rise, the security will effectively have a shorter maturity than was anticipated at the time of purchase.

**Q-4.** Assume that an investor has invested in a mortgage pool with a \$100,000 principal balance outstanding. The scheduled monthly principal payment is \$28.61.

The mortgage pool has a conditional prepayment rate (CPR) of 6% and pool is seasoned.

The single monthly mortality rate is closest to:

- A. 0.005098.
- B. 0.005113.
- C. 0.005143.

**Q-5.** David Smith purchased a mortgage-backed security with a coupon rate of 8% and a par value of \$1,000 for \$960. Coupon payments are made monthly. The monthly interest payment is closest to:

- A. \$6.67.
- B. \$6.40.
- C. \$6.94.

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