**Caselets on the computation of Bond maturity date and Intrinsic Value**

**Caselet: Tata Green Energy Bond**

Tata Green Energy Bond, issued on **February 15, 2017**, offers an exciting investment opportunity in sustainable energy initiatives. With a face value of ₹1,000 and a **coupon rate of 5.50%**, it pays semi-annual coupons, making it an attractive fixed-income security. The bond has a remaining term of **10.5 years**, and investors can acquire it at a discounted price of ₹975, reflecting a **required return (yield) of 7.25%**. The bond adheres to the **Actual/Actual** day count convention, ensuring precise interest calculations.

1. **Question 1:** Compute the bond's maturity date using the settlement date and term.
2. **Question 2:** Calculate the theoretical value of the bond using the given details, including coupon rate, yield to maturity, frequency of payments, and face value.

**Caselet: Reliance InfraBond**

Reliance InfraBond, issued on **April 30, 2024**, offers an excellent fixed-income investment opportunity. With a face value of ₹10,000 and a **coupon rate of 5.00%**, it pays quarterly coupons, ensuring regular cash flows for investors. The bond has a remaining term of **5.65 years** and is available at a discounted price of ₹9,750, reflecting a **required return (yield) of 6.50%**. The bond adheres to the **Actual/Actual** day count convention for precise interest calculations.

1. **Question 1:** Compute the bond's maturity date using the settlement date and term.
2. **Question 2:** Calculate the theoretical value of the bond using the given details, including coupon rate, yield to maturity, frequency of payments, and face value.

**Caselet: Infosys Corporate Bond**

Infosys Corporate Bond, issued on **November 12, 2022**, provides a stable fixed-income investment opportunity. With a face value of ₹50,000 and a **coupon rate of 8.00%**, it pays semi-annual coupons, ensuring consistent cash flows for investors. The bond has a remaining term of **15.35 years** and is available at a discounted price of ₹48,750, reflecting a **required return (yield) of 7.25%**. The bond adheres to the **Actual/Actual** day count convention for accurate interest computations.

1. **Question 1:** Compute the bond's maturity date using the settlement date and term.
2. **Question 2:** Calculate the theoretical value of the bond using the given details, including coupon rate, yield to maturity, frequency of payments, and face value.

**Caselet: HDFC SecureBond**

HDFC SecureBond, issued on **August 10, 2024**, provides a secure and long-term investment option. With a face value of ₹1,00,000 and a **coupon rate of 5.75%**, the bond pays quarterly coupons, ensuring steady income for investors. The bond has a remaining term of **20.30 years** and is available at a discounted price of ₹97,500, reflecting a **required return (yield) of 6.70%**. The bond follows the **Actual/Actual** day count convention to ensure precise interest calculations.

1. **Question 1:** Compute the bond's maturity date using the settlement date and term.
2. **Question 2:** Calculate the theoretical value of the bond using the given details, including coupon rate, yield to maturity, frequency of payments, and face value.

**Caselet: SBI Dynamic Bond**

SBI Dynamic Bond, issued on **May 20, 2022**, offers a medium-term investment opportunity with steady returns. With a face value of ₹10,000 and a **coupon rate of 6.25%**, the bond pays semi-annual coupons, providing consistent income to investors. The bond has a remaining term of **7.60 years** and is available at a slightly discounted price of ₹9,875, reflecting a **required return (yield) of 6.10%**. The bond follows the **Actual/Actual** day count convention for precise interest calculations.

1. **Question 1:** Compute the bond's maturity date using the settlement date and term.
2. **Question 2:** Calculate the theoretical value of the bond using the given details, including coupon rate, yield to maturity, frequency of payments, and face value.