

### QUESTION

1. A 65-year-old male patient with a long history of hypertension and a recent diagnosis of type 2 diabetes mellitus is being treated with lisinopril and metformin. He has been experiencing increasing fatigue and weakness over the past few weeks. His blood pressure is well-controlled, and his blood glucose levels are stable. Physical examination reveals mild anemia and a heart rate of 100 bpm. Laboratory tests show a hemoglobin level of 11 g/dL, a hematocrit of 33%, and a ferritin level of 100 ng/mL. Which of the following is the most likely cause of his symptoms?

- A. Iron deficiency anemia
- B. Vitamin B12 deficiency
- C. Folate deficiency
- D. Chronic kidney disease
- E. Hypothyroidism

ANSWER: A. Iron deficiency anemia

### QUESTION



### QUESTION

1. A 35-year-old male patient with a long history of rheumatoid arthritis is being treated with chronic low-dose prednisone. He has been experiencing increasing fatigue and weakness over the past few weeks. His blood pressure is well-controlled, and his blood glucose levels are stable. Physical examination reveals mild anemia and a heart rate of 100 bpm. Laboratory tests show a hemoglobin level of 11 g/dL, a hematocrit of 33%, and a ferritin level of 100 ng/mL. Which of the following is the most likely cause of his symptoms?