

### QUESTION

1. A patient with a long history of chronic alcohol consumption presents with a 2-week history of progressive weakness, weight loss, and anorexia. Physical examination reveals a pale, thin patient with a tachycardic rate of 110 beats per minute. Laboratory studies show a hemoglobin of 10 g/dL, hematocrit of 30%, and mean corpuscular volume of 80 fL. The patient's serum iron, total iron-binding capacity, and transferrin saturation are all low. The most likely cause of the patient's anemia is:

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

ANSWER: D

EXPLANATION: The patient's anemia is most likely due to chronic disease.

### QUESTION



- A. T1
- B. T2
- C. T3
- D. T4
- E. T5

ANSWER: D

EXPLANATION: The thoracic vertebrae are located in the thoracic region of the spine.

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