

**12.** A doctor is studying the relationship between blood pressure and heartbeat abnormalities in her patients. She tests a random sample of her patients and notes their blood pressures (high, low, or normal) and their heartbeats (regular or irregular). She finds that:

- (i) 14% have high blood pressure.
- (ii) 22% have low blood pressure.
- (iii) 15% have an irregular heartbeat.
- (iv) Of those with an irregular heartbeat, one-third have high blood pressure.
- (v) Of those with normal blood pressure, one-eighth have an irregular heartbeat.

What portion of the patients selected have a regular heartbeat and low blood pressure?

- (A) 2%
- (B) 5%
- (C) 8%
- (D) 9%
- (E) 20%