

The retina scanner, a machine that scans the web of tiny blood vessels in the retina, stores information about the pattern formed by the blood vessels. This information allows it to recognize any pattern it has previously scanned. No two eyes have identical patterns of blood vessels in the retina. A retina scanner can therefore be used successfully to determine for any person whether it has ever scanned a retina of that person before.

1. The reasoning in the argument depends upon assuming that

- (A) diseases of the human eye do not alter the pattern of blood vessels in the retina in ways that would make the pattern unrecognizable to the retina scanner
- (B) no person has a different pattern of blood vessels in the retina of the left eye than in the retina of the right eye
- (C) there are enough retina scanners to store information about every person's retinas
- (D) the number of blood vessels in the human retina is invariant although the patterns they form differ from person to person
- (E) there is no person whose retinas have been scanned by two or more different retina scanners

Brownlea's post office must be replaced with a larger one. The present one cannot be expanded. Land near the present location in the center of town is more expensive than land on the outskirts of town. Since the cost of acquiring a site is a significant part of the total construction cost, the post office clearly could be built more cheaply on the outskirts of town.

2. Which one of the following, if true, most seriously undermines the argument's stated conclusion?

- (A) The new post office will have to be built in accordance with a demanding new citywide building code.
- (B) If the new post office is built on the outskirts of town, it will require a parking lot, but if sited near the present post office it will not.
- (C) If the new post office is built on the outskirts of town, current city bus routes will have to be expanded to provide access.
- (D) If the new post office is built on the outskirts of town, residents will make decreased use of post office boxes, with the result that mail carriers will have to deliver more mail to homes.
- (E) If the new post office is built near the center of town, disruptions to city traffic would have to be minimized by taking such steps as doing some construction work in stages at night and on weekends.