

10

To treat malaria, doctors must know which species of *Plasmodium* is causing the disease. Which of the following statements best explains why doctors must identify the *Plasmodium* species involved before treating the disease?

- A. Each *Plasmodium* species has its highest rate of infection at a different time of the year.
- B. Each *Plasmodium* species has evolved different levels of resistance to different medications.
- C. Some *Plasmodium* species produce large numbers of gametes, and some *Plasmodium* species produce small numbers of gametes.
- D. Some *Plasmodium* species have a prokaryotic cell structure, and some *Plasmodium* species have a eukaryotic cell structure.