

Asexual/Sexual Reproduction Past Papers

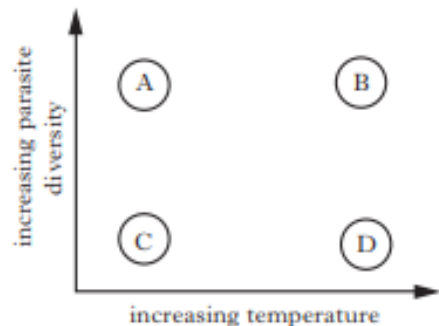
1. Parthenogenesis is most likely to be common in environments with a

- A warm climate and low parasite density
- B warm climate and high parasite density
- C cool climate and low parasite density
- D cool climate and high parasite density.

2. Asexual reproduction is most likely to be a successful reproductive strategy in

- A wide, stable niches
- B narrow, stable niches
- C wide, unstable niches
- D narrow, unstable niches.

3. The diagram below gives information about conditions in four habitats.



In which habitat would parthenogenesis be most likely to occur?

4. In the insect order Hymenoptera (eg ants, bees and wasps), male individuals can be produced by parthenogenesis from an egg cell.

When parthenogenesis does occur, how many sets of chromosomes does a male wasp have in each of its body cells compared to one of his sisters?

- A One extra
- B The same number
- C One fewer
- D Double the number

Asexual/Sexual Reproduction Past Paper Answers

1. A
2. B
3. D
4. C