

Answer to iClicker Question #11A (Plants 1)

Which of the following is(are) true?

- (A) Gametes are always made by meiosis. *False. This is true in animals; in plants, gametes are made by mitosis.*
- (B) All cells in eukaryotes are diploid with the exception of eggs and sperm. *False. Again, this is true in animals; in plants, the gametophyte is composed entirely of haploid cells.*
- (C) Only fungi have spores. *False, plants have spores also.*

So the correct answer is (E).

Answer to iClicker Question #11B (Plants 1)

Which of the following is(are) true?

- (A) **In plants, gametes are haploid.** True - in all organisms, gametes are haploid.
- (B) **Spores are produced by meiosis.** True - in plants, spores are produced by meiosis.
- (C) **In plants, gametes are produced by mitosis.** True - by mitosis in the gametophytes.

So the correct answer is (D).