

11. The gametes of a white-tailed deer have 35 chromosomes. When the sperm of a white-tailed buck combines with the egg of a white-tailed doe, how many chromosomes would the zygote have?

- A. 17.5 chromosomes
- B. 35 chromosomes
- C. 70 chromosomes
- D. 140 chromosomes

12. What usually combines during fertilization?

- A. zygotes
- B. embryos
- C. gametes
- D. diploid cells

13. Which of the following shows the series of events in human development?

- A. embryo → zygote → sperm + egg → fetus
- B. sperm + egg → fetus → zygote → embryo
- C. zygote → fetus → embryo → sperm + egg
- D. sperm + egg → zygote → embryo → fetus

14. What allows a zygote to develop into an embryo?

- A. the zygote dividing by mitosis over several weeks
- B. the zygote dividing by meiosis over several weeks
- C. the zygote developing into gametes through mitosis over several weeks
- D. the zygote fusing with another zygote and then dividing by meiosis over several weeks

15. Which of the following is associated with sexual reproduction?

I	meiosis
II	pollination
III	fertilization

- A. I and II only
- B. I and III only
- C. II and III only
- D. I, II, and III