Name:	Date:	CHAPTER

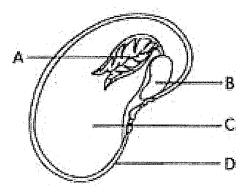
Chapter 3 Quiz	
Part A: Modified True/False Indicate whether each statement is true or false. If false, c phrase to make the statement true.	hange the underlined word or
1. Mitosis is the process used by plants and animals	s to produce sex cells.
2. <u>Body</u> cells are also known as gametes	·
3. Human body cells have 23 pairs of chromosome	
4. The process of inserting a gene from one species as grafting.	into a different species is known
5. An organism having both male and female sex or	rgans is called a <u>hermaphrodite</u> .
Part B: Completion Complete the following sentences. 6. If a cell with eight chromosomes undergoes meiosis, chromosomes. 7. The process by which a sperm nucleus combines with	
8. Two people with brown eyes have a baby with blue eyes is	
9. The embryos of reptiles develop outside of the mother a(n)	er's body in a structure known as
Part C: Matching Match each term to its correct description.	· .
10. the male gametes of a plant	(a) pistil
11. the female gametes of a plant	(b) stamen
12. the female reproductive structure of a plant	(c) pollen
13. the male reproductive structure of a plant	(d) eggs

Name:	Date:
Chapter 3 Quiz (continued)	
Chapter 3 Quiz (continued)	
Part D: Multiple Choice	
Circle the letter beside the answer that bes question.	t completes the statement of answers the
14. Meiosis is used for	
(a) reproduction	(b) growth
(c) repair	(d) all of the above
15. A fertilized egg is also known as	
(a) a gamete	(b) an embryo
(c) a seed	(d) a zygote
16. The duck-billed platypus is an unusua	l mammal because it
(a) produces milk	(b) lays eggs
(c) has hair	(d) all of the above
17. Pollen is transferred from one flower t	
(a) swimming (c) wind	(b) insects (d) both (b) and (c)
18. Canola has developed into an importa	
(a) recombinant DNA technology	-
(c) grafting	(d) both (a) and (b)
Part E: Short Answer	
Use sentences to answer the following ques	stions.
19. Explain why some fish produce million	ns of eggs. Provide at least three reasons.
5A	
	•
	erator cutting a shrub and putting the cut ductive technology is she using? Why did she
not plant seeds instead?	<i>—————————————————————————————————————</i>
water the second	

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Sci 9 Chapter 3 Open Book Quiz Continued

- 21. Label parts A, B, C, D of the bean seed.
- 22. Which part contains the highest level of starch?
- 23. Draw a diagram to describe homologous chromosomes and chromatids.



24. Using your knowledge of gametes and chromosome numbers and types, explain why sexual reproduction can produce a variety of traits in individuals of the same species.

25. List two advantages and two disadvantages of External Fertilization.

Advantages:

Disadvantages:

26. List two advantages and two disadvantages of Internal Fertilization. Advantages

Disadvantages:

Summary of Tomato Plant Life Cycle

Label the diagram and briefly describe what is happening at each stage of the cycle.

