

ANSWER: a

- 2. In the 1990s, an investigational new drug was developed to slow the progression of Alzheimer's, but it was subsequently removed from the market due to liver toxicity. What was this drug?
 - a. Cognex
 - b. Retrovir
 - c. Caduet
 - d. Roferon

ANSWER: a

- 3. A research team recently identified a gene associated with epidermolysis bullosa, a disease that causes skin to blister and tear with even slight friction, by searching through a massive database of genetic information using powerful computers. This use of computers is an example of____.
 - a. disease DNA
 - b. genetic mining
 - c. bioanalysis
 - d. chemoinformatics

ANSWER: d

- 4. Orianna's insulin was made using the DNA of two different organisms. What is this technique called?
 - a. gene therapy
 - b. cloning
 - c. recombinant DNA
 - d. pharmacogenetics

ANSWER: c

- 5. After identifying a gene that causes the skin of patients with epidermolysis bullosa (EB) to be easily blistered and torn, researchers have found a method to make the gene produce collagen needed for healthy skin, at least in the laboratory. Researchers hope to be able to use the same process in real life, and enable patients with EB to have healthy skin. "Fixing" malfunctioning genes is an example of
 - a. transgenics
 - b. gene therapy
 - c. mutagenics
 - d. translocation

ANSWER: b

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Name:	Class:	Date:
<u>Chapter 3</u>		
	ation after being diagnosed with epilepsy. Becadose of the anticonvulsant to elevate the level is known as a(n)	
ANSWER: b		
7. The cellular changes produced ba. interactionsb. actionsc. effectsd. impacts	y drugs are known as drug	
ANSWER: b		
8. The physiologic changes produca. actionsb. effectsc. interactionsd. impacts	ed by drugs are known as drug	
ANSWER: b		
to get her blood levels of the anti-	rous blood clots, Blair is prescribed an anticoaicoagulant up as quickly as possible, and then ower dose is referred to as a	
ANSWER: c		
· · · · · · · · · · · · · · · · · · ·	aby, and visits her doctor because of a terribly ng her baby. What drug process is of concern	

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c. metabolismd. excretion

ANSWER: b

Name:	Class:	Date:
Chapter 3		
11. The process of a drug being broken doa. biotransformationb. degradationc. disassemblyd. solubility	own and altered to more water-soluble by	-products is known as
ANSWER: a		
12. Why are persons with liver failure partial. They do not excrete the medication of the b. They distribute the medication difference. They are unable to properly metabolist. They absorb the medication too rapid	efficiently. rently. ize the medication.	ffects of medications?
ANSWER: c		
13. Drug information for prescribing a certa with impaired kidney function. What dr a. absorptionb. metabolismc. excretiond. distribution		used with extreme caution in patients
ANSWER: c		
14. Ozzie's doctor tells him not to take his t form an insoluble complex with the tetra. chelationb. adsorptionc. oxidationd. excretion		he calcium in the dairy products will
ANSWER: a		
15. The instructions for your medication start medication on an empty stomach most a. absorptionb. distributionc. metabolism	- ·	t drug process will taking the

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d. excretion

ANSWER: a

Name:	Class:	Date:
Chapter 3		
16. Briella is given probenecid along with probenecid is called a. synergism b. potentiation c. antagonism d. agonism ANSWER: b	•	nicillin by decreasing its excretion.
17. Zach normally takes an antianxiety med	dication and, after he has his wisdom teeth himself very drowsy and disoriented. This	-
ANSWER: d 18. Will visits the emergency room because extremely dizzy and disoriented, and voi better. The effect of naloxone on the na a. undesirable antagonism b. desirable antagonism c. desirable potentiation d. undesirable potentiation	mits. Will is then given another medication	
ANSWER: b 19. Drugs with an alkaline pH are best abs a. large intestine b. mouth c. stomach d. small intestine ANSWER: d	orbed in the	
20. You are reading about the treatment of	Cardiovascular disease and learn that some er races. The study of why medications value	

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c. withdrawald. tolerance

ANSWER: d