

BPS1101

Sample Mid Term 2 (answers in red)

(This sample test contains 15 sample questions. Actual tests will contain approximately 50 actual questions)

1. When amphetamines were first marketed, what were they primarily used for?
 - a. As a stimulant for marathon runners
 - b. As a training aid for boxers
 - c. As a nasal decongestant in cold medications
 - d. To keep soldiers awake during the Blitzkrieg
2. Why did the International Olympic Committee restrict drug use by athletes during competition?
 - a. Improper drug use was harmful to the health of the athletes
 - b. Using drugs in competition was unethical
 - c. The athletes were using drugs without the proper qualifications
 - d. Drugs gave athletes an unfair competitive advantage
3. What was the principal technique that East German athletes used to mask steroid use?
 - a. Take diuretics a few days before competition
 - b. Injecting epitestosterone just before competition
 - c. Filling the bladder with clean urine using a catheter
 - d. Adding powdered soap to their urine sample
4. The safest way to obtain human protein for drug use is to
 - a. Extract the protein from animals
 - b. Extract the protein from cadavers
 - c. Make the protein using chemical semi-synthesis
 - d. Make the protein using genetic modification
5. How do sulfa drugs inhibit bacterial growth?
 - a. Sulfa drugs block the action of the enzyme that assembles bacterial cell walls
 - b. Sulfa drugs resemble coenzyme F, which is used by the bacteria in normal metabolism
 - c. Sulfa drugs become "stuck" in the enzyme that makes coenzyme F
 - d. Sulfa drugs block the action of the protein that assembles bacterial cell walls
6. Which of the following statements about modern penicillin-type drugs is **false**?
 - a. Most penicillin drugs sold today are natural forms
 - b. Natural penicillin drugs are usually given by injection
 - c. Most penicillin drugs sold today are semi-synthetic
 - d. Synthetic penicillins have longer shelf-lives than natural source ones
7. Why did early tobacco smokers prefer to smoke pipes?
 - a. The stem of the pipe removed chemicals that irritated the smoker's throat
 - b. Smoking cigars or cigarettes was too expensive
 - c. Pipe smoking was socially acceptable
 - d. Smoking a fancy pipe at a private club was a status symbol

8. Which of the following substances, found in tobacco, is **not** a significant cause of cancer?
- Polonium-210
 - Combustion by-products
 - Benzopyrenes
 - Nicotine**
9. Why is ammonia added to cigarette tobacco?
- Ammonia removes bitter tasting acids and produces a better tasting cigarette
 - Ammonia removes corrosive acids and reduces throat irritation
 - Ammonia removes acids that destroy nicotine thus increasing nicotine delivery**
 - Ammonia removes toxic acids and produces a safer cigarette
10. What type of cell provides the primary immunologic memory for bacterial infections?
- Mast cells
 - Killer T cells
 - Helper T cells
 - B cells**
11. Why are adjuvants added to vaccines?
- Adjuvants reduce inflammation resulting in fewer side effects
 - Adjuvants reduce the risk of developing autism
 - Adjuvants reduce the need for booster shots**
 - Adjuvants reduce the severity of fever from attenuated vaccines
12. Which of the following does **not** contain squalene?
- Sharks
 - Influenza vaccine
 - Humans
 - Anthrax vaccine**
13. Which of the following diseases kills the most people in the world today?
- Malaria
 - Smallpox
 - Ebola
 - AIDS**
14. Why are most new drugs artificially designed rather than discovered in nature?
- Drugs from natural sources cannot be patented
 - Man-made drugs are more profitable than natural source drugs
 - Natural source drugs are often difficult to manufacture in large quantities**
 - Artificially designed drugs are safer than natural source drugs
15. Why do many people incorrectly evaluate risk in modern life?
- People judge risks using emotional responses rather than rational thought**
 - People judge risks using rational thought rather than emotional responses
 - People judge risks by considering only the outcome of the event
 - People judge risks by considering only the likelihood of the event