TEST QUESTIONS

Circles must be filled in, or test will not be graded. Shade circles like this: ☐ Not like this: X

1. Although antibiotics have substantially contributed to modern day health miracles, there is a large concern regarding their massive overuse in humans and animals. 
   a. True  
   b. False

2. About how many new antibiotics are currently in development to be used in treatment against cases of antimicrobial resistance (AMR)?
   a. None  
   b. Two  
   c. Five  
   d. Ten

3. AMR refers to the nonsusceptibility of ________________________ to drugs. 
   a. Bacteria and viruses  
   b. Viruses and parasites  
   c. Bacteria, viruses, parasites, and fungi  
   d. Parasites, viruses, and fungi

4. What factor(s) has/have led to the rise in AMR cases?
   a. Agriculture/animal production  
   b. Poor hygiene and sanitation practices  
   c. Inadequate infection prevention and control  
   d. All of the above

5. Antibiotic resistant superbugs cannot spread rapidly between cities, countries, and continents. 
   a. True  
   b. False

6. Studies on antibiotic use have shown an increase of _______ between 2000 and 2015. 
   a. 10 percent  
   b. 35 percent  
   c. 65 percent  
   d. 80 percent

7. How many AMR-related deaths are predicted by the year 2050? 
   a. 10 million  
   b. 15 million  
   c. 25 million  
   d. 50 million

8. Which agency requires hospitals in the U.S. to have antimicrobial stewardship programs (ASPs)? 
   a. CMS  
   b. CDC  
   c. WHO  
   d. JCAHO

9. Germany, South Africa, and the United Kingdom have published ASP guidelines for practice in their countries. 
   a. True  
   b. False

10. Which factor plays a major role in combating AMR cases? 
    a. Effective treatment plans  
    b. Diagnostics  
    c. Pain management  
    d. None of the above

11. Which hospital department has a common foundation for effective ASPs? 
    a. Blood bank lab  
    b. Microbiology lab  
    c. Emergency department  
    d. Sterile processing

12. Which factors play a role in the lack of effective hospital-based ASPs? 
    a. Non-priority in administrators  
    b. Lack of funding and expertise  
    c. Lack of time  
    d. All of the above

13. About what percentage of clinical decisions does diagnostics play in patient cases? 
    a. 55 percent  
    b. 70 percent  
    c. 80 percent  
    d. 95 percent

14. The main goal(s) for an effective ASP is/are 
    a. Reducing resistance of existing antibiotics  
    b. Improving patient safety/outcomes  
    c. Reducing healthcare costs  
    d. All of the above

15. Which two hospital departments have the capability to work closely together to make personalized, rapid therapeutic decisions for antibiotic therapy? 
    a. Emergency department and pharmacy  
    b. ICU and emergency department  
    c. Microbiology lab and pharmacy  
    d. Microbiology lab and surgery

16. Which organization was created by Barack Obama during his presidency to control the spread of AMR organisms? 
    a. PACCARB  
    b. ARB  
    c. USDA  
    d. CDC

17. Barack Obama's advisory council consists of 45 voting members to implement activities that relate to combating antibiotic-resistant bacteria. 
    a. True  
    b. False

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