

- (ix) Select the purpose of a waste management plan for biomedical waste?
- a) To identify ways to reduce the volume of waste generated b) To ensure compliance with local regulations and guidelines
- c) To streamline the waste disposal process d) To minimize the cost of waste disposal
- (x) Choose the correct definition of mitigation in disaster management:
- a) The immediate response to a disaster b) The process of lessening the impact of a disaster
- c) The restoration of normalcy after a disaster d) The process of preventing disasters from happening in the first place
- (xi) Identify the main cause of antibiotic resistance:
- a) Overuse and misuse of antibiotics b) Genetic mutations in bacteria
- c) Improper storage of antibiotics d) None of the above
- (xii) Select the type of bacteria that is most commonly associated with antibiotic resistance
- a) Gram-negative bacteria b) Gram-positive bacteria
- c) Fungi d) Viruses
- (xiii) Choose the correct definition of superbugs:
- a) Bacteria that have become resistant to all antibiotics b) Bacteria that produce their own antibiotics
- c) Bacteria that are easily killed by antibiotics d) Bacteria that are commonly found in the environment
- (xiv) Tell which of the following is NOT a potential strategy for combating antibiotic resistance:
- a) Developing new antibiotics b) Reducing unnecessary antibiotic use
- c) Using antibiotics more frequently to prevent resistance d) Implementing infection prevention measures
- (xv) Which of the following is a common bacterial species that has developed resistance to multiple antibiotics?
- a) Staphylococcus aureus b) Escherichia coli
- c) Streptococcus pneumoniae d) Mycobacterium tuberculosis

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain the standard precautions towards infection prevention. (3)
3. Define the steps of Monitoring & controlling of cross infection in BMW. (3)
4. Analyze the principle and procedure of Automated external defibrillator and comment on its efficiency. (3)
5. Identify the term 'vulnerable patients' as per NABH norms. (3)
6. Explain and categorize biomedical waste as per WHO. (3)

OR

- Explain how would you analyze the patient and address their spiritual need. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe about the types of bags used in BMW. (5)
8. Explain the Basics of emergency care and life support skills. (5)
9. Describe in brief about quality assurance. (5)
10. Explain in brief about the basic life support (5)
11. Explain the importance of disaster preparedness. (5)
12. Explain any 4 principles of medical ethics. (5)

OR

- Explain the term Confidentiality of patient information in medical ethics. (5)