

GREEN INSTRUMENT CHEMISTRIES FOR REPROCESSING OF REUSABLE MEDICAL DEVICES

POST- TEST

Circle the letter indicating the best correct answer to the multiple-choice questions.

1. The purpose of decontamination is to:
 - a. Render items safe for handling
 - b. Eliminate the need for manual cleaning
 - c. Removal of contamination by infectious organisms
 - d. Both A and C
2. The removal of all visible soil and other contaminants from surgical instruments refers to the process of:
 - a. Decontamination
 - b. Disinfection
 - c. Cleaning
 - d. Both A and C
3. Green Chemistries is an approach initiated by the EPA to:
 - a. To control measures which might lead to possible harm or uncertainty
 - b. To reduce or eliminate the use or generation of hazardous substances
 - c. To save water and energy, and replace toxic chemicals that may harm our environment
 - d. All of the above
4. A detergent enhancer that speeds up the cleaning process and enhances the effectiveness of the detergent to remove organic soil is an:
 - a. Catalyst
 - b. Alkaline
 - c. Green chemistry
 - d. Enzyme
5. The burden of proof that the suspected risk is not harmful and there is no risk to the environment, users and patients falls on the:
 - a. EPA
 - b. Government
 - c. Manufacturers
 - d. All of the above
6. The principle to reduce molecular level pollution prevention set and used to design or re-design molecules, materials and chemical transformations to be safer for human health and the environment is known as:
 - a. Decontamination
 - b. Disinfection
 - c. Green chemistry
 - d. Sterilization

7. The substance that initiates chemical changes such as fermentation and are found in every living organism and play an important function in central sterile, at home and in the environment are:
 - a. Alkaline detergents
 - b. Enzymes
 - c. Neutral pH detergents
 - d. None of the above
8. A cleaner that can be harmful to the environment as well as corrosive to reusable medical devices causing discoloration, pitting and corrosion is known as:
 - a. Neutral pH detergent
 - b. Enzymatic detergent
 - c. Alkaline detergent
 - d. None of the above
9. Medical devices are critical for patient care, choosing the right detergent in order to provide a clean and sterile device is the responsibility of:
 - a. Central Service Personnel
 - b. EPA
 - c. Manufacturer
 - d. Supervisor
10. An environmentally safe Green Chemistry instrument cleaners should be handled:
 - a. Appropriately
 - b. Staff should use proper PPE
 - c. Follow manufacturer's instructions for use
 - d. All of the above

ANSWER KEY

1. d

2. c

3. d

4. d

5. c

6. c

7. b

8. c

9. a

10. d