



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Sc.(CCT)-2021

Course Name – CSSD Procedures

Course Code - BCCTC604

(Semester VI)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select the minimum recommended temperature for autoclaving to achieve sterilization.
 - a) 100°C
 - b) 160°C
 - c) 200°C
 - d) 121°C
- (ii) Select which of the following is NOT considered a critical item in healthcare settings.
 - a) Surgical instruments
 - b) Needles and syringes
 - c) Bed linens
 - d) Urinary catheters
- (iii) Select the recommended minimum contact time for disinfectants to be effective.
 - a) 5 seconds
 - b) 30 seconds
 - c) 5 minutes
 - d) 15 minutes
- (iv) Select the primary method used in dry heat sterilization.
 - a) Moist heat
 - b) Hot air
 - c) Ultraviolet light
 - d) Chemical disinfection
- (v) Select which of the following is a common application of dry heat sterilization.
 - a) Sterilizing heat-sensitive materials
 - b) Sterilizing surgical instruments
 - c) Sterilizing liquids
 - d) Sterilizing by autoclaving
- (vi) Select what is the primary objective of wet sterilization.
 - a) Elimination of all microorganisms
 - b) Reducing microbial load
 - c) Disinfection
 - d) Preservation of moisture
- (vii) Select which of the following is a wet sterilization method.
 - a) Autoclaving
 - b) Dry heat sterilization
 - c) Ethylene oxide gas sterilization
 - d) Radiation sterilization
- (viii) Describe the primary purpose of the autoclave's safety interlock system.
 - a) To measure temperature accurately
 - b) To monitor humidity levels
 - c) To ensure the chamber door is securely locked during operation
 - d) To regulate pressure

12. Write the importance of proper packaging and loading techniques for carbonized articles in autoclaves and ovens. (5)

OR

Devise the different types of radiation used in sterilization. (5)
