



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Sc.(MRIT)-2021

Course Name – Modern Radiological & Imaging Techniques including Patient Care

Course Code - BMRIT403

(Semester IV)

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) Hot air oven sterilization was introduced by

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|------------------|---------------|
| a) Louis Pasteur | b) Hounsfield |
| c) Sheldinger | d) Tesla |

(ii) Which of the following sterilization technique following in food and dairy farm

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|-------------------|------------------|
| a) Pasteurization | b) Boiling |
| c) Autoclave | d) None of these |

(iii) Which of the following equipment used to deliver contrast media effectively in angiography procedure?

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|----------------------|-----------------|
| a) Catheter | b) Syringe |
| c) Pressure Injector | d) CT equipment |

(iv) Attenuation is defined as

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|-----------------------------------|-------------------------------------|
| a) Reduction of intensity of beam | b) Increasing the intensity of beam |
| c) Penetration of beam | d) Absorption of beam |

(v) What is a faint?

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|-----------------------------------|----------------------------|
| a) A response to fear. | b) An unexpected collapse. |
| c) A brief loss of consciousness. | d) A sign of flu |

(vi) What is required before you perform hand hygiene except ?

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|--------------------------------|---|
| a) Remove bracelets | b) Rings should not have jewels or stones |
| c) Fingernails should be short | d) Assess hands for visible soil. |

(vii) The process of study of blood vessels using contrast media is termed as

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|----------------|------------------|
| a) Angiography | b) Angioplasty |
| c) Both 1&2 | d) None of these |

(viii) Statement A: A reservoir is any site where a pathogen can survive until its transfer to a host. Statement B: Humans, animals, birds, and arthropods are all common reservoirs and do not always manifest illness due to the pathogen they are harboring

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|-----------------------------|-------------------------------|
| a) Statement A is true | b) Statement B is true |
| c) Both statements are true | d) Both statements are false. |

12. Summarize the PPE Used to prevent infection control in medicine. (5)

OR

Summarize bacterial infection. (5)
