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1. Proteins from microbes are separated by:

- a) Northern blotting
- b) Western blotting
- c) SDS-PAGE
- d) Gel electrophoresis

Correct option: d) Gel electrophoresis

2. Which of the following is the moist heat sterilization?

- a) Pasteurization
- b) All of the given options
- c) Boiling
- d) Autoclaving

Correct option: d) Autoclaving

3. Phenol and phenolic compounds are first widely used antiseptics for the disruption of:

- a) Vitamins
- b) Plasma membrane
- c) Hormones
- d) DNA

Correct option: b) Plasma membrane

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4. _____ is the transfer of DNA by a virus called bacteriophages.

- a) Transduction
- b) Conjugation
- c) Transfection
- d) Transformation

Correct option: a) Transduction

5. Alcohols _____ proteins and dissolve lipids.

- a) Denature
- b) Deplete
- c) Dry
- d) Diminish

Correct option: a) Denature

6. Which of the following is used as an antimicrobial agent?

- a) Silver nitrate
- b) Isopropanol
- c) Ethanol
- d) All of the given options

Correct option: d) All of the given options

7. The halogen that alters protein synthesis and membranes is _____.

- a) Chlorine
- b) HCl

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c) Iodine

d) HOCl

Correct option: c) Iodine

8. The antibiotic that prevents the spoilage of cheese is _____.

a) Natamycin

b) Streptomycin

c) Clindamycin

d) Omeprazole

Correct option: a) Natamycin

9. Phenol and phenolic compounds are first widely used antiseptics for the disruption of:

a) Plasma membrane

b) Vitamins

c) DNA

d) Hormones

Correct option: a) Plasma membrane

10. Which of the following is not a characteristic of an ideal chemical?

a) Non-toxic to body tissues

b) High temperature

c) Broad spectrum activity

d) Effective at low concentration

Correct option: b) High temperature

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