

Select the best answer:

المجموعة: الاولى a

الرقم:

الاسم:

Total Marks (20)

- 1- Antiseptic is an agent which :
 - a) Kills microorganisms on the floor of hospitals.
 - b) Kills microorganisms on the skin.
 - c) All of the above.
- 2- The vaseline used in eye ointments should be sterilized by:
 - a) Hot air oven.
 - b) Autoclave
 - c) None of the above.
- 3- The time required to kill 90% of bacteria at certain temperature is called:
 - a) Thermal death point
 - b) Thermal death time
 - c) Decimal reduction time
 - d) None of the above
- 4- The sterilization temperature of the following is below 100°C:
 - a) Tyndallization
 - b) Pasteurization
 - c) Hot air oven
 - d) All of the above
 - e) A and B
- 5- Milk is sterilized by :
 - a) Pasteurization
 - b) Ultra high temperature
 - c) Hot air oven
 - d) All of the above
 - e) A and B
- 6- When you boil milk in home, then it becomes sterilized by:
 - a) Dry heat
 - b) Moist heat
 - c) None of the above
- 7- The following method is used for sterilization of body fluids:
 - a) Pasteurization
 - b) Ultra high temperature
 - c) Autoclave
 - d) Tyndallization
- 8- Sterilization by steam at 100°C is used for sterilization of:
 - a) Body fluids
 - b) Media for bacteria containing sugar
 - c) Milk
 - d) All of above
 - e) None of the above
- 9- Sterilization by heating at 100°C with bactericidal is used for:
 - a) Body fluids
 - b) Media for bacteria containing sugar
 - c) Milk
 - d) Injections sensitive to heat
 - e) None of the above

10- Sterilization is important to:

- a) Sterilize all pharmaceutical products.
- b) Kill only microorganisms that are able to cause diseases
- c) Kill only microorganisms that are not able to cause diseases.
- d) A, b, and C.
- e) None of the above.

11- Which of the following is correct regarding sterilization by autoclave:

- a) The greater the pressure the higher the temperature of water boiling
- b) The greater the pressure the lower the time required for sterilization.
- c) The latent heat is transferred from water directly to the materials to be sterilized.
- d) All of the above
- e) Both A and B.

12- The steam obtained in the autoclave should have the following characters:

- a) Free from air
- b) Contains latent heat
- c) Both A and B.

13- Which of the following factors does not affect the sterilization:

- a) Exposure time.
- b) Number of microbes present on the surface to be treated.
- c) Presence of blood on the surface to be treated.
- d) Type of microbe.
- e) None of the above

14- Disinfectant is an agent which :

- a) Kills microorganisms on in the floor of hospitals.
- b) Kills microorganisms on the skin.
- c) A and B.

15- An agent which kills bacteria on materials which become in contact with food is called:

- a) Sanitizer.
- b) Disinfectant
- c) Neither a or b

16- Bactericidal agent is an agent which:

- a) Kills bacteria. ✓
- ~~b) Stops the growth of bacteria without killing it.~~
- c) Neither a or b

17- Alcohol 70% is an example of:

- a) Antiseptic ✓
- ~~b) Disinfectant~~
- c) Neither a or b

18- Ultra high temperature kills bacteria by:

- a) Acting on bacterial cell wall.
- b) Acting on bacterial cell membrane.
- c) Coagulation of proteins.
- d) None of the above.

19- Sterilization could be:

- a) Biological sterilization
- b) Physical
- c) Electrical sterilization
- d) All of the above

20- Plastic syringes could be sterilized by:

- a) Hot air oven.
- b) Autoclave
- c) None of the above.

Select the best answer:

المجموعة: الأولى b

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 - a) Acting on bacterial cell wall.
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 - c) Coagulation of proteins.
 - d) None of the above.
- 7- The mechanism of sterilization could be:
 - a) Biological
 - b) Physical
 - c) Electrical
 - d) All of the above
- 8- Plastic syringes could be sterilized by:
 - a) Hot air oven.
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 - c) None of the above.
- 9- The Vaseline used in eye ointments should be sterilized by:
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- 10- The time required to kill 90% of bacteria at certain temperature is called:
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- 11- When you boil milk in home, then it becomes sterilized by:
 - a) Dry heat
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12- The sterilization temperature of the following is below 100°C:

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- b) Pasteurization
- c) Hot air oven
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14- The following method is used for sterilization of body fluids:

- a) Pasteurization
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15- Sterilization by steam at 100°C is used for sterilization of:

- a) Body fluids
- b) Media for bacteria containing sugar
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17- Sterilization is important to:

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- e) Both A and B.

19- The steam obtained in the autoclave should have the following characters:

- a) Free from air
- b) Contains latent heat
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20- Which of the following does not affect the sterilization process:

- a) Exposure time.
- b) Number of microbes present on the surface to be treated.
- c) Presence of blood on the surface to be treated.
- d) Type of microbe.
- e) None of the above

Select the best answer:

المجموعة: الثانية c

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- 1- Disinfectant is an agent which :
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 - a) Kills bacteria.
 - b) Stops the growth of bacteria without killing it.
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- 4- An agent which kills bacteria on materials which become in contact with food:
 - a) Sanitizer.
 - b) Disinfectant
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- 5- Radiation kills bacteria by affecting:
 - a) Bacterial cell wall.
 - b) Bacterial cell membrane.
 - c) Bacterial nucleic acid
 - d) All of the above.
- 6- Hot air oven kills bacteria by:
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- 9- The time required to kill all bacteria at certain temperature is called:
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- 10- The following are examples of dry heat sterilization:
 - a) Flaming
 - b) Incineration
 - c) Hot air oven
 - d) All of the above.

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- a) Hot air oven.
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D المجموعة الثانية

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