



Exam (A)

المجموعة:

رقم الكشف:

اسم الطالب:

20 Marks

I) Mark True (T) or false (F) in the table below for the following statements: (1 Mark each)

1	2	3	4	5	6	7	8	9	10
F	F	F	F	F	T	T	T	T	T

No.	Statement
1	Betadine is an example of halogen that is used as disinfectant.
2	Filtration is an example of mechanical sterilization technique that acts on DNA.
3	Heat is an example of chemical sterilization that leads to coagulation of proteins.
4	U.V. radiation has more potent (اكثر قوة) sterilizing power than Gama radiation.
5	Milk can be sterilized by pasteurization, and incineration.
6	In sterilization by autoclave, air should be removed from the discharge valve.
7	Talc powder can not be sterilized by autoclave.
8	Food sterilized by radiation is safe to eat.
9	The main device for dry heat sterilization is hot air oven, while for moist heat sterilization it is the autoclave.
10	Laminar flow hood provides a sterile area to work in.

II) Choose then write the correct answer in the table below for the following statements:
 (1 Mark each)

1	2	3	4	5	6	7	8	9	10
C	C	A	C	C	C	A	C	C	E

م.م. / م.م. / م.م. / م.م. / م.م. / م.م. / م.م. / م.م. / م.م. / م.م.

No.	Statement
1-	<p>Sterile pharmaceutical product means that it is free from:</p> <p>a) Pathogenic microorganisms b) Non pathogenic microorganisms c) Pathogenic and non-Pathogenic microorganisms.</p>
2-	<p>The hot air oven is used for sterilization by heating at° C for 120 min:</p> <p>a) 140 b) 150 c) 160 d) 170</p>
3-	<p>Heating coil is usually broken inautoclaves:</p> <p>a) Manual b) Automatic c) Manual and automatic</p>
4-	<p>The autoclave is used for sterilization by heating at° C for 15 min:</p> <p>a) 115 b) 134 c) 121 d) 100</p>
5-	<p>Ultrasound vibration is an example ofsterilization.</p> <p>a) Chemical b) Physical c) Mechanical</p>
6-	<p>UHT is used for sterilization of:</p> <p>a) Waste (نفايات) b) oils c) Milk d) All the above</p>
7-	<p>Plastic syringe is sterilized by:</p> <p>a) Ethylene oxide b) Hot air oven c) Autoclave d) Both A and B.</p>
8-	<p>Serum and body fluids are sterilized by:</p> <p>a) Pasteurization b) Autoclave c) Tyndallization d) Hot air oven</p>
9-	<p>.....is the length of time required to kill all bacteria in a liquid culture at a given temperature.</p> <p>a) Thermal death point b) Decimal reduction time c) Thermal death time</p>
10-	<p>Laminar flow hood might contain the following methods of sterilization:</p> <p>a) Radiation as a physical method of sterilization. ✓ b) Dry heat as a physical method of sterilization. ✓ c) Chemical method of sterilization. d) All the above. e) Only A and B. ✓</p>

Good luck

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