07

 All questions carry equal marks. Draw neat labeled diagrams wherever necessary. For Q 2, Q 3 and Q 4 attempt A and B OR C and D. 						
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Q 1 Do as directed (Any fifteen)	15					
1. Give any two Objectives of GLP.	13					
Original copy of the documents called						
a. Controlled copy b. Uncontrolled copy c.Master copy d. Obsolete	conv					
3. What is the full form of OECD?	сору					
4. What does SOP stand for?	What does SOP stand for?					
5. Give one name of instruments which are used in the Microbiology department.						
6. What do you understand by the term Biosecurity?	What do you understand by the term Biosecurity?					
7. Sonicators and vortex mixers are proven sources of aerosols. State wh	ether					
True or False.	Cuici					
8 is the least resistant organism during decontamination.						
a. Lipid viruses b. Mycobacteria c. Non-Lipid Viruses d. Prions						
9. The pathogens that require BSL-3 laboratories include						
a. Plasmodium falciparum b. Ebola virus c. HIV d. Serratia marces 10. What is the full form of CDC?	cens					
11. Define Biosafety.						
paralle of the property of the property of the property of the paralle of the par						
13. BSL-4 laboratories are not necessarily separated from the control of	Name one common organism that requires Biosafety Level-1 containment. BSL-4 laboratories are not necessarily separated from the general traffic					
patterns in the building. State whether True or False.	raffic					
Work can be performed on an open table in BSL-3. State whether True or						
False.	or					
15. Define 'Pyrogen'.						
16. Give one example of a flavouring agent used in pharmaceutical industr	iec					
17. Antiseptic solutions cannot be metabolized by microorganisms State	Antiseptic solutions cannot be metabolized by microorganisms. State					
whether the statement is true or false.						
18. What is water activity?	What is water activity?					
19. Mention one observable effect of microbial attack on pharmaceutical						
products.						
20. State one example of contaminants found in pharmaceutical products.						
Q. 2 A Discuss any Four Guidelines to GLP.	08					
Q. 2 B Explain the potential hazards associated with Work Practices and Safety Equipment.	07					
OR ·						
Q. 2 C Discuss Biological Risk Assessment.	08					
Q. 2 D Explain in detail documentation of laboratory work.	07					

VCD/	SYBT	SEM III	SUB: BIOSAFETY	2 ½ HRS	75 Marks	
Q. 3 A	Give a detailed account on Biosafety level 3.					
Q. 3 B	What are the examples of facility design considerations that should be provided in a biosafe lab?					
			OR			
Q. 3 C	What are key considerations and best practices for waste management in a diagnostics laboratory?					
Q. 3 D	Discuss about Occupational hazards in health.					
Q. 4 A	Discuss the factors affecting the microbial spoilage of pharmaceutical products.					
Q. 4 B	Give a detailed account on preservation of pharmaceutical products. OR					
Q. 4 C	Explain in detail 'microbial limit test for pharmaceutical products'.					
Q. 4 D	Discuss the source and types of microbial contaminants found in pharmaceutical products.					
Q. 5	Write Short notes o	n any three	of the following	edi vi	15	
a.	Calibration records					
b.	Cell culture		t require			
c.	Personnel competer	nce in Biosafe	ety.			
d.	Transport of Biohazardous materials On Campus.					
e.	Chemical spoilage	of pharmaceu	tical products.			
		The state of the s				

Expenie the potential bazards associated with Work Practices and Safety