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5.4.8. Pharm Sem II semeter Exam Pirst houf 2015

2015-2015

sem-TV

QP Code: 15851

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[3 Hours]

[Total Marks: 70

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Answer the following:

- (1) All questions are compulsory.
- (2) Draw a nest labelled diagram wherever necessary.

	(a)	Name two examples of sporulating bacteria.	1
	(b)	Define pasteurization with examples.	1
	(c)	Explain D value with its applications.	1
	(d)	Write the biological indicator for filtration sterilization.	1
	(e)	Give the importance of positive control used in sterility testing.	1
	(f)	Name the causative agent for botulism.	1
	(g)	마이지의 이렇게 하는 사람들은 사람이 아니라 이렇게 하는 사람들은 사람들이 가입니다면 하는 사람들이 하는 사람들이 하는 사람들이 보고 있다. 그는 사람들이 바람이 되었다면 하는 사람들이 되었다.	1
	(h)		2
	(i)	Name two Rickettsial infections with the causative agents.	2
	(i)	Write Robert Koch's contribution in the field of Microbiology.	2
	(k)	Define Resolving power and give its significance.	2
2.	(a)	Discuss in detail phase contrast microscopy with its applications.	4
	(b)	그는 그들은 살아보다면 한 나는 그는	4
4	(c)	Write a note on cultivation of anaerobic bacteria.	3
3.	(a)	Discuss in detail phenol coefficient test and its applications.	4
	(b)	Describe lytic cycle in't, bacteriophage with suitable diagram.	4
	(c)	Distinguish between (any one):— (i) Bacteria and fungi (ii) Electron and compound microscope	3
4.	(a)	Write a note on fungal infections.	
••	(b)	Explain in brief growth phases of bacteria.	4
	(0)	OR	4
		Write a note on bacterial flagella.	
*	(c)		_
	(0)	any ment and morning and approprietations of gaseous sternization.	3

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5	(a)	Describe in detail cultivation of viruses.	4
	(b)	Write a note on mode of action and application of hologens as disinfectant.	4
9.	(c)	Describe protozoal infections.	3
6		OR	
180	ÿ	Define pure culture and explain any two techniques of isolation of pure coluire.	
6.	(a)	Explain identification of bacteria on the basis of morphological and sattritional characters.	4
	(b)	Write a principle of spore staining and Capsule staining. OR	4
2	0	Why Gram positive bacteria appear purple and gram negative appear pink in colour explain with suitable theory.	
	(c)	Explain in brief biological and economic importance of algae.	