Enrollment No:			Exam Seat No:		
_	CUSHA	HIN	VIVERSITY		
			ination-2018		
Subject Name : C	linical Microbiolo	ogy			
Subject Code: 2SC02CLM1			Branch: PGDMLT		
Semester: 2	Date: 23/04/2	018	Time: 10:30 To 01:30	Marks: 70	
(2) Instruction(3) Draw near	ns written on main	answer book ares (if necess	ther electronic instrument is are strictly to be obeyed. sary) at right places.	prohibited.	
Q.1 Attempt follo	wing questions			[14]	
1. Metachromatic a. Albert S c. Gram St		nonstrated by b. Giemsa St d. Modified	tain		
a. F	llowing play an im Tagella Cell wall	b. Pi			
a. P	-	ginosa b. Ba	sed to monitor steam steriliz scillus stearothermophilus ostridium difficile	ation?	
4. Which of the followa. Gaspak c. Robertson's cool	owing is NOT an effort	b. Mo	of anaerobiosis? EIntosh-Fildes' anaerobic jar ndle jar		
5. Which of the Im a. IgG c. IgE	ımunoglobulin can b. IgM d. IgA	cross placen	ta?		
6. Which of the fo a. Ascaris lum c. Tenia soliu	ibricoides b.		n being through intact skin? vermicularis na duodenale		
	th on agar is seen i		coli		

- a. Proteus vulgaris
- b. Escherichia coli
- c. Salmonella typhi
- d. Haemophilus influenzae
- 8. Most common organism causing community acquired UTI is___;
 - a. P. mirabilis
- b. E. coli
- c. S. typhi
- d. S. aureus



9. Selective medium f	for gonococci is,		
a. Deoxycholate citrate agar medium.		b. Wilson and Blair medium	
c. TCBS medium		d. Thayer-Martin medium	
10. Drumstick appear	rance is seen in	٠,	
a. C. botulinum	b. C. perfringens		
c. C. tetani	d. C. difficle		
		aracteristic feature of;	
a. Plasmodium viva			
c. Plasmodium oval	e d. Plasmodiu	m malariae	
10 F '41 4 1	1 6 4	1	
~	-	e sexual stage are classified as;	
a. Zygomycetes	b. Asco	•	
c. Basidioniyeet	es d. Fung	1 Imperiecu	
13 Which of the ma	arker may be used	for diagnosis of HIV infection in window peri-	od?
a. p24 antigen detec	-	ntibody detection	ou.
c. CD4 cell count		oportunistic infection detection	
	P	r	
14. Which of the fol	llowing hepatitis v	irus is DNA virus?	
a. HAV	• .	o. HBV	
c. HCV	(d. HEV	
Attempt any four of	questions from Q-	2 to Q-8	
Q.2 Attempt all Qu		<u>-</u>	[4]
		okaryotic cell. Describe bacterial capsule	
2. Write a short note	on Bacterial Grov	wth Curve.	
Q.3 Attempt all Qu	lostions:	F1	1/11
		۱۱ n. Describe principle and use of Hot Air Oven	[4]
		nd disposal of Bio Medical Waste.	
2. Write a short note	on begregation at	nd disposar of bio Medicar Waste.	
Q.4 Attempt all Qu	iestions:	Г1	[4]
		function of immunoglobulin A (IgA).	1
2. Classify Hyperser		=	
• • • • • • • • • • • • • • • • • • • •	•	1 2	
Q.5 Attempt all Qu	estions:	[1	[4]
1. Describe principle	e and application of	of Agglutination reaction with suitable example	e.
2. Write a short note	on Laboratory dia	agnosis of Tuberculosis.	
	_		
Q.6 Attempt all Qu		-	[4]
		osis of Staphylococcus infection.	
2. Patnogenicity and	i laboratory diagno	osis of E. histolytica infection.	
O 7 Attempt all On	actions.	F-1	1/17
Q.7 Attempt all Qu		raw the morphological forms of P. vivax and F	[4]
falciparum seen in p			•
raicipardin seen in p	originatur Diood Si	114411	



2. Laboratory diagnosis of fungal infections.

Q.8 Attempt all Questions:

[14]

- Explain Laboratory diagnosis of Viral infection. Explain Tissue culture in detail.
 Describe laboratory Diagnosis of HIV with NACO strategies for HIV diagnosis.

