Q.P.	Code:138005	Reg.No		
First		oplementary Examination yiriyal (Microbiology) Scheme)	ons January 2024	
Time:     •     •     1. Mu	3 hrs  Answer all questions to the point neatly and I  Indicate the question number correctly for  Answer all parts of a single question together  Draw table/diagrams/flow charts wherever nealltiple Choice Questions	the answer in the margin space  • Leave sufficient space betwee		
The A	nswers to MCQ questions (Q.No.i to Q.No. g sheets (ie Page No. 3 & 4) only	xx) shall be written continuou	` '	
i.	A cluster of polar flagella is called			
	a) Lophotrichous b) Amphitrich	ous c) Monotrichous	d) Petritrichous	
ii.	During exponential growth, the growth ra	te is		
	a) Number of generations per unit time	b) Reciprocal of gene	ration time	
	c) Both (a) and (b)	d) None of these		
iii.	Who introduced the Hierarchical system	of classification		
	a) Witakar	b) Carolous Linnaeus		
	c) Thomsan	d) Anton Van Leewen		
iv.	Joseph Lister first introduced the use of a	•	is the name of the	
	chemical he used for the antisepsis proce			
	a) Ethyl alcohol	b) Carbolic acid		
	c) Hydrogen peroxide	d) Chlorohexidine		
٧.	Which of the following is not a characteri	stic of a chemotherapeutic a	gent	
	a) Low toxicity for host cells			
	b) High toxicity for the parasites			
	c) Less penetrating power			
:	d) Does not affect the host's natural defe			
Vİ.	Athlete's foot infection is also known as		, conitio	
vii		c) Tinea unguium d) Tinea	i capilis	
vii.	Ochratoxin is produced by a) Tricothecium	b) Tricoderma		
	c) Aspergillus and Penicillium	d) Claviceps purpurea	3	
viii.	, , -			
VIII.	The resistance to infection that an individual possesses genetic and constitutional make up is			
	a) Acquired immunity	b) Passive immunity		
	c) Innate immunity	d) Active immunity		
ix.	The smallest unit of an antigen responsib	· · · · · · · · · · · · · · · · · · ·	ns	
		c) Paratope d) Aduv		
Χ.	Complement (c) ordinarily binds to	, ,	-	
	a) Antigen	b) Antibodies		
	c) Antigen- Antibody complexes	d) None of the above		

χi.	The first immunodeficiency disease to	be discovered is				
	a) Common variable immunodeficien	a) Common variable immunodeficiency				
	b) X- linked agammaglobulinemia					
	c) Transient hypogammaglobinaemia of infancy					
	d) Chronic mucocutaneous candidias					
xii.	,					
7						
	a) Griffith typing	b) Molecul	ar tyning			
	c) DNA fingerprinting	•	pic- bacteriophage ty	/nina		
xiii.		d) i florioty	pio baoteriopriage t	/ping		
AIII.	a) Lowenstein-Jensen medium	h) DCA me	b) DCA medium			
	,	,				
v.iv.	c) Thayer - Martin medium	d) Blood a	yaı			
XiV.		-) EUEO	-1/ [[[]			
	a) EPEC b) ETEC	c) EHEC	d) EIEC			
XV.	,, , , , , , , , , , , , , , , , , , ,					
	a) C. perfringens	b) C. botul				
	c) C. histolyticum	d) C. tetan				
xvi.	Area of lysis on a bacterial lawn cultu	ire produced by a pha	age is known as			
	a) Pock b) Plaque	c) Pox	d) All of these			
xvii.	Chicken pox caused by					
	a) Epstein barr virus	b) Human	papillomavirus			
	c) Varicella zoster virus	d) Variola				
xviii.	,					
	intervals is known as		0 0 ,	•		
	a) Elution	b) Antigeni	c Shift			
	c) Antigenic Drift	d) Hemads				
xix.	, •	strain of virus is preferred for active immunization in measles				
711711	a) H₁N₅	b) Edmonston – Zagreb				
	c) Jeryl – Lynn	,	z – Moraten			
XX.			Z Moraton			
λλ.	a) Rotaviridae b) Filoviridae	=	d) Picornaviridae			
Sho	ort Answer Questions	c) Netrovindae	d) i loomaviildac	(8x5=40)		
		_		(070-40)		
	Explain about the bacterial growth curve		. ,			
	Describe about bacterial genetics for de		sistance.			
	Describe about the autoimmune diseases.					
	Write a brief note on clinical manifestation of plaque.					
6.	What are the various invivo and invitro	virulence tests perforr	ned for Corynebacter	rium		
	diptheriae infection.					
	Write about syphilis disease with detail	•				
8.	xplain about the clinical symptoms of Epstein- Barr virus infection.					
9.	Write a brief note on management of bid	omedical wastes.				
Lor	g Answer Questions			(4x10=40)		
10.	Define Sterilization. Classify moist heat	sterilization and also	explain the principle	and		
	function of Autoclave.					
11.	Describe about the clinical symptoms of	f Cholera and its diag	nostic methods in de	tail.		
	12. Write about Rabies and detailed course of its pathogenesis, laboratory diagnosis and control.					
	Write an essay on UTI and also detailed					
	diagnosis.			- ,		
	gg					

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