## ENTRANCE EXAMINATION FOR ADMISSION, MAY 2013.

## M.Sc. (MEDICAL MICROBIOLOGY)

**COURSE CODE: 503** 

Register Number :		
		Signature of the Invigilator (with date)
		· · · · · · · · · · · · · · · · · · ·
CO	DURSE CODE - 503	

Time: 2 Hours

Max: 400 Marks

## Instructions to Candidates:

- 1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
- 2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
- 3. Read each of the question carefully and shade the relevant answer (A) or (B) or (C) or (D) in the relevant box of the ANSWER SHEET using HB pencil.
- Avoid blind guessing. A wrong answer will fetch you -1 mark and the correct 4. answer will fetch 4 marks.
- Do not write anything in the question paper. Use the white sheets attached at the 5. end for rough works.
- 6. Do not open the question paper until the start signal is given.
- Do not attempt to answer after stop signal is given. Any such attempt will 7. disqualify your candidature.
- 8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
- 9. Use of Calculators, Tables, etc. are prohibited.

1.	Rega	arding NK cells, false statement is		•
	(A)	It is activated by IL-2		
	(B)	Expresses CD3 receptor		
	(C)	It is a variant of large lymphocyte		
	(D)	There is antibody induced proliferation	on of	NK cells
2.	Ade	nosine deaminase deficiency is seen in	the fe	ollowing
	(A)	Common variable immunodeficiency	<b>(B)</b>	Severe combined immunodeficiency
	(C)	Chronic granulomatous disease	(D)	Nezelof syndrome
3.		eta hemolytic bacteria; is resistant to n bile sensitive; it is likely to be	vanco	mycin shows growth in 6.5% NaCl, is
	(A)	Strep. agalactiae	(B)	Strep. pneumoniae
	(C)	Enterococcus	(D)	Strep. bovis
4.	All a	are about streptococcus except		
•	(A)	M protein is responsible for production	on for	mucoid colonies
	(B)	M protein is responsible for virulence	•	
	(C)	Mucoid colonies are virulent		
	(D)	No resistance to penicillin has been r	eport	ced .
5.	Toxi	in involved in the streptococcal toxic sl	ock s	syndrome is
	(A)	Pyrogenic toxin	(B)	Erythrogenic toxin
·	(C)	Hemolysin	( <b>D</b> )	Neurotoxin
6.	A ch	nild presents with a white patch over t	he to	nsils: diagnosis is bet made by culture
	(A)	Loeffler medium	(B)	LJ medium
	(C)	Blood agar	(D)	Tellurite medium
<b>7.</b>	A pi		havi	ng typhoid; what investigation should
	(A)	Blood culture	(B)	Widal
	(C)	Stool culture	(D)	Urine culture
		·		•

8.	All	are true about-EHEC except: "938 HPI	M"	
	(A)	Sereny test is positive	(B)	Ferments sorbitol
	(C)	Causes HUS	(D)	Elaborates shiga like exotoxin
9.	An o	organism grown on agar shows green co	olour	ed colonies; likely organism is
	(A)	Staphylococcus	(B)	E.Coli
	(C)	Pseudomonas	<b>(D)</b>	Peptostreptococcus
10.	Con	genital syphilis can be best diagnosed	by	
	(A)	IgM FTAabs	(B)	IgG FTAabs
	(C)	VDRL	(D)	TPI
11.	All	are features of Ureaplasma urealyticun	n exc	ept
	(A)	Non gonococcal urethritis	(B)	Salpingitis
	(C)	Epididymitis	(D)	Bacterial vaginosis
12.	Reg	arding HIV infection, not true is		
	(A)	p24 is used for early diagnosis		
	<b>(B)</b>	Lysis of infected CD4 cells is seen		
	(C)	Dendritic cells do not support replica	tion	
	(D)	Macrophage is a reservoir for the virg	18	
13.	_	regnant woman from bihar presents	with	hepatic encephalopathy. The likely
	(A)	Hep. E	(B)	Hep. B
	(C)	Sepsis	(D)	Acute fatty liver of pregnancy
14.	Viru	us causing hemorrhagic cystitis, diarrh	ea an	d conjunctivitis is
	(A)	RSV	(B)	Rhinovirus
•	(C)	Adenovirus	<b>(D)</b>	Rotavirus
15.	_	tine lactose enzyme deficient medium because	CLE	D is preferred over McConkey agar in
	(A)	Former prevents swarming of proteur	5	
	(B)	Is a selective medium		
	(C)	Prevents growth of pseudomonas		
	<b>(D)</b>	Promotes growth of candida and stap	hyloc	coccus

16.	In which stage of filariasis are microfilaria seen in peripheral blood?							
	(A)	Tropical eosin	ophilia		(B)	Early adenolym	phangitis stage	
	(C)	Late adenolyn	nphang	itis stage	(D)	Elephantiasis		
17.	Pan	creatic Ca is ca	used by		•	·		
	(A)	Fasciola	(B)	Clonorchis	(C)	Paragonimus	(D) None	
18.	All c	of the following	are tru	e except	ı			
	(A)	E.coli is an ae	robe an	d facultative a	naerob	e ·		
	(B)	Proteus forms	uric ac	id stories				
	(C)	E.coli is motile	e by per	ritrichate flage	lla			
	(D)	Proteus cause	s deam	ination of phe	nylalan	ine to phenylpyrı	ıvic acid	
19.	Con dise	· ,	cooked	pork is likely	to cat	use which of the	following helminthic	
	(A)	Tinea saginat	a	•	(B)	Tinea solium	•	
	(C)	Hydatid cyst			(D)	Trichuris trichu	ra	
20.	IL-2	is produced by						
	(A)	T cells	(B)	B cells	(C)	Monocytes	(D) Neutrophils	
21.		patient of orbit chin sensitivity			~		greenish colonies and	
	(A)	Strep. Viridar	ns		(B)	Staphylococcus		
	(C)	Pseudomonos			(D)	Pneumococcus		
22.	Tru	e regarding pse	udomer	nbranous colit	is are a	all except		
	(A)	It is caused by	y clostri	dium difficile			•	
	(B)	The organism	is a no	rmal commens	sal of g	ut		
	(C)	It is due to pr	oductio	n of phospholi	pase A		•	
	(D)	It is treated b	y vanco	mycin				
23.	E.co	oli gets attached	l to a su	ırface with the	help o	f		
	(A)	Fucose			(B)	Concavatin		
	(C)	Phytohaemag	glutinii	n .	(D)	Lactin		

24.	Chla	amydia does not cause		,
	(A)	Q-fever	(B)	Non gonococcal urethritis
	(C)	Trachoma	(D)	Salpingitis
25.	Whi	ch is true about arboviral disease?	-	
	(A)	Yellow fever is endemic in India		
	<b>(B)</b>	Dengue virus have only one serotype	•	
	(C)	KFD is transmitted by ticks		
	(D)	Japanese encephalitis is transmitted	d by A	ction
26.	Rota	avirus infection is diagnosed by the pr	esence	e of
;	(A)	Antigen in stool by ELISA	(B)	Virus in stool
	(C)	Antigen in blood	(D)	Antibody in stool
27.	A pa	atient with sore throat has a positive	Paul	Bunnel test the causative organisum
	(A)	EBV	(B)	Herpes virus
	(C)	Adeno virus	(D)	Cytomegalovirus
28.		atient presents with diarrhoea. Ans ozoa without RBCs and pus cells. The	-	of stoll on wet mount shows mobile
	(A)	Balantidium coli	(B)	Giardiasis
	(C)	Trichomonas hominis	(D)	Entamoeba histolytica
29.	Late	ex agglutination study of the antigen i	n CSI	helps in the diagnosis of
	(A)	Cryptococcus	(B)	Candidiasis
	(C)	Aspergillosis	(D)	Histoplasmosis
30.		ompany executive, who travels world- +ve casoni's test. The organism is	wide,	presents with upper abdominal mass
	(A)	Echinococcus	<b>(B)</b>	Entamoeba histolytica
	(C)	Hepatitis	(D)	Ascariasis
31.	Puli	monary eosinophilia is seen in the foll	owing	parasitic infections except
	(A)	Babesiosis	(B)	Hook worm infection
	(C)	Strongyloidiasis	(D)	Visceral larva migrans

32.		uld from Bihar o i nuclei upto tail				mination shows	sheath	ied microf	H
	(A)	B.malayi			(B)	W.bancrofti			
	(C)	Loa loa		· <u>-</u>	(D)	Oncocerca volve	ulous		
33.	Auto	oinfection is a m	ode of	transmission i	n		-		
÷	(A)	Trichinella	(B)	Cycticercosis	(C)	Ancylostoma	(D)	Ascaris	
34.	Pigs	are reservoir fo	r			•			
	(A)	T.Solium	•		(B)	T.Saginata			
	(C)	Trichinella spir	ralis		(D)	Ancyclostoma			
35.	Prol	karyotes are cha	racter	ized by					
	(A)	Absence of nuc	lear n	iembrane					
	(B)	Presnece of mic	rovill	ie on its surfac	е				
•	(C)	Presence of sm	ooth e	ndoplasmic ret	iculum				
	<b>(D)</b>	All of the above						,	
36.	Whi	ch of the followi	ıg imi	nunoglobulins	can cro	ses placenta?	=	-	
	(A)	IgA .	(B)	IgM	(C)	IgG	(D)	IgD	
37.	Тур	e of graft, best sı	iited f	or renal transp	lantat	ion		•	
	(A)	Allograft	(B)	Autograft	(C)	Xenograft	(D)	Isograft	
38.	True	e statement rega	rding	non-coagulase	staphy	lococci is			
	(A)	They are non-p	athog	enic					
	<b>(B)</b>	They commonly	, infec	t indwelling pr	osthes	is	,		
	(C)	They may caus	e scar	let fever				• •	
	(D)	They are sepera	ated b	y gram stainin	g			,	<b>.</b> .
39.	True	e statement rega	rding	Pneumococcus	is				
	(A)	Virulence is du	e to p	olysaccharide c	apsule		-		
	(B)	Capsule is prot	ein in	nature					
	(C)	Antibodies aga	inst ca	apsule are not p	protect	ive			
	(D)	Resistance to a	ntibod	lies has not yet	been 1	reported			

<b>4</b> U.	Tru	e statement about dipntneria toxi	n 18						
	(A)	Phage toxin is mediated		•					
	(B)	Toxin is required for local infect	ion						
	, <b>(C)</b>	C) Endotoxaemia causes systemic manifestation							
	(D)	Toxin Acts by inhibiting synthes	sis of capsu	ıle					
41.	Mos	st common organism responsible f	or gas gan	grene is					
	(A)	Clostridium-perfringens	(B)	Clostridiumodifficile					
	(C)	Clostridium tetani	(D)	Clostridium septicum					
42.	Mos	st common organism responsible f	or pseudo	membranous colitis is					
	(A)	Clostridium difficile	(B)	Clostridium botulism					
	(C)	Clostridium bifermentans	(D)	Clostridium histolyticum					
43.	Whi	ich of the following statement is t	rue about v	ribriocholarea?					
•	(A)	There is no natural reservoir							
	<b>(B)</b>	Transported in alkaline peptone	e water me	dium					
	(C)	Halophilic	•						
•	(D)	Oxidase negative							
44.	True	e statement about Widal test in ty	yphoid is						
	(A)	O-antigent titre remains positiv	e for sever	al months and reaction to it is rapid					
	(B)	H-antigen titre remains positive	e for sever	al months and reaction to it is rapid					
	(C)	Both remain positive for several	l months a	nd reaction to both is rapid					
	<b>(D)</b>	None							
<b>4</b> 5.	All	of the following bacteria test "Ure	ase positiv	e" except					
	(A)	E.Coli	(B)	Proteus					
	(C)	Kleibsella	( <b>D</b> )	Staphylococcus					
46.	The	statement about Influenza-A is							
	(A)	It has a double stranded segmen	nted RNA						
	(B)	Pandemic are caused by antiger	nic drift						
	(C)	Nucleocapsid antibody is not spe	ecific						
	(D)	Hemaglutinin and Neuraminida	se is strai	n specific					

47.	Her	pes-Zoster is caused by							
	(A)	Herpes-simplex type I	(B)	Herpes-simplex type II					
	(C)	Epstein-barr virus	(D)	Varicella					
48.	Cry	ptococcus-neoformans is a							
	(A)	Protozoa (B) Fungus	(C)	Parasite (D) Mycoplasma					
49.	Con	imonest parasite of CNS in India is		•					
	(A)	Schistosomiasis	(B)	Cysticercosis					
	(C)	Trichenella-spiralis	( <b>D</b> )	Hydatid cyst					
50.	Con	nmonest helmithic infection in AIDS is							
	(A)	Trichuris trichura	(B)	Strongyloides stercoralis					
	(C)	Enterobius vermicularis	(D)	Nector-americana					
51.	Haptane is								
	(A)	Same as epitope							
	(B)	Small molecular weight protein		•					
	(C)	Requires carrier for specific antibody	prod	uction					
	(D)	Simple haptens are precipitate							
<b>52</b> .	All d	of the following forces are involved in A	ntige	en antibody reaction except					
	(A)	Vander Waal's forces	(B)	Electrostatic bond					
	(C)	Hydrogen bond	(D)	Covalent bond					
53.	Exa	mples of type-I hypersensitivity is							
	(A)	Lepromin test	(B)	Tuberculin					
	(C)	Casoni's test	(D)	Arthrus reaction					
54.	Mos	t common cause of chronic granulomat	ous d	isease in children is					
	(A)	Myeloperoxidase deficiency	<b>(B)</b>	Defective phagocytosis					
	(C)	Defective H <sub>2</sub> O <sub>2</sub> production	(D)	Job's disease					
55.	Mos	t common agents responsible for huma	n bit	e infections are					
	(A)	Gram –ve bacilli	(B)	Gram +ve bacilli					
	(C)	Spirochaete	<b>(D)</b>	Anaerobic streptococci					

	(A)	from is required for toxin produc	tion		
	(B)	Toxin production is responsible	of local rea	ction	
	(C)	Nonsporing, noncapsular and no	n motile	•	
	(D)	Toxin production is by lysogenic	conversion	<b>n</b> .	
57.	All o	of the following are true about bac	illus anthi	cax except	
	(A)	Plasmid is responsible for toxin	production	ι · · · .	
	(B)	Cutaneous anthrax generally re-	solve spon	taneously	
	(C)	Capsular polypeptide aids virule	ence by inh	ibiting phagocytosis	•
	(D)	Toxin is a complex of two fraction	ns		
58.	Bac	terial genone has been completely	recognized	d for which one the following ager	ıts
٠	(A)	H.Pylori	(B)	Yersenia enterocolitis	
-	(C)	Compylobacter jejuni	(D)	Streptococcus pnumonae	
59.	All o	of the following are true about hel	icobacter p	oylori except	
	(A)	About 50% of world population a	affected		
	<b>(B)</b>	85% of population is affected in	some deve	loping countries	
	(C)	All childrens in developing coun	tries leave	immunity by five years of age	
	(D)	Infection is common in low socio	economic s	status	
60.	Tru	e about helicobacter pylori is	·		
	(A)	Culture and gram staining of bio	opsy is the	gold standard investigation	
	<b>(B)</b>	Controlled urea breath is negati	ve with ma	assive infection	
	(C)	Anti urease antibody are produc	ed only by	invasive strains	
	(D)	Urease activity provides protect	ive enviror	nment to the bacilli	
61.	Tru	e about helicobacter pyelori are al	l except		
	(A)	Urea breath test is diagnostic			
	(B)	Gram negative, flagellate bacilli			
	(C)	Risk factor for development of d	enocarcino	ma of stomach	
	(D)	It provides life long immunity			
			9		50

True about corynebacterium diphtheria are all except

62.	Whi	ch of the following is an obligate pa	rasite?						
	(A)	Mycoplasma	(B)	Chlamydia trachomatis					
	(C)	Gram –Ve bacilli	(D)	Gram +Ve cocci	•				
63.	Plac	que formation in virus is done for							
	(A)	Isolation and typing of viruses							
	(B)	Cloning separation of specific viru	ıses	•					
	(C)	(C) Determining infectivity of virus							
	(D)	Accessing multiplication of virus							
64.	All	of the following are true about Herr	es group	virus except					
	(A)	Ether sensitive							
	(B)	May cause malignancy			,				
	(C)	HSV II involves below diaphragm	ı						
	<b>(D)</b> .	Burkitt's lymphoma-involves-Tcel	lls						
65.	Whi	ch virus reactives and involves the	eye?						
	(A)	Herpes-zoster (B) CMV	(C)	E.B. virus (D) E	intero-70				
66.	Vira	ıl enterotoxin is detected as a possi	ble mech	anism of pathogenesis in					
	(A)	Adeno virus (B) Rota virus	(C)	Calcivirus (D) A	strovirus				
67.	Best	t vaccine for rota virus infection is							
~.	(A)	Asymptomatic neonatal vaccine	( <b>B</b> )	DNA vaccine	•				
	(C)	Genetic reassortment	(D)	Capsular component vac	cine				
68.	AID	S involves			•				
٠	(A)	T-helper cells	(B)	T-suppressor cells					
	<b>(C)</b>	T-cytotoxic	<b>(D)</b>	B.cells					
69.	Spu	tum examination is not useful in di	agnosis o	of					
	(A)	Trichuriasis trichura	(B)	Ank. Duodenale					
	(C)	Paragomniasis	(D)	Strongyloids					

10.	Truc	about Cryptoco	ccus I	feororing is a	m excebi				
	(A)	Anticapsular a	ntigen	is detected i	n C.S.F.				
	(B)	Common in im	munoc	compromised	patient				
	(C)	Anticapsular a	ntibod	y prevents re	ecurrence	•			
•	(D)	Strongly positiv	ve mu	cicarmine sta	in of the	organism in tiss	sue is d	liagnostic	
71.	Inte	rleukin II is secr	eted b	у					
	(A)	B lymphocytes			(B)	T lymphocytes		•	
	(C)	Neutrophils			<b>(D)</b>	Macrophages			
72.	All c	of the following a	re gly	coproteins ex	cept	•			
	(A)	Blood antigen	<b>(B)</b>	Albumin	(C)	Immunoglobin	(D)	HCG-	
73.	Whi	ch of the followin	ng stat	tements conc	erning in	nmunoglobulins	is wro	ng?	
	(A)	IgM does not cr	oss pl	acenta			-		
	(B)	IgE is ↑ed in p	arasit	ic infection			-		
	(C)	IgM increased	in pri1	nary respons	e	. *			
	(D)	Fetal infection	is cha	racterized by	increase	in IgG.		•	
74.	Whi	ch of the followir	ng is a	n example of	Type IV	hypersensitivity	?		-
	(A)	Arthrus reaction	n .		(B)	Serum sickness	3 .		
	(C)	Schwartzmann	react	ion	(D)	Granulomatou	s reacti	ion	
75.	Diag	gnosis of ABO in	compa	tability can b	oe made i	from all of the fo	llowin	g except	
	<b>(A)</b>	Sweat	(B)	Saliva	(C)	Semen	(D)	C.S.F.	
76.	Out	of the following	the tr	ue statement	regardir	ng sterilization is	3	i	
	(A)	Dry heat is the	best 1	nethod of ste	rilization	of liquid paraff	in		
	(B)	All glass syring	es are	e best steriliz	ed by boi	ling at 100°C	••		
	<b>(C)</b> .,	Bacterial vacci	nes ar	e best steriliz	zed by etl	hylene oxide			
	(D)	Pasteurization 30 minutes	of n	nilk by flasl	n metho	d is done by	heatin	g at 63°C	) for

	LIU	beatement abou	0 11110	dereptory our o	01010	10			
	(A)	In normal peop	le the	titre is <200					
	(B)	In acute glomer	ulone	phritis the titre	is lov	<b>v</b>		-	
	(C)	ASO titre >200	indic	ate rheumatic fe	ever				
	(D)	Streptozyme te	st is a	n active haema	ggluti	nation test			
78.	True	e statement rega	rding	diphtheria is					
	(A)	It can be diagno	sed b	y demonstration	n of a	ntibodies by ELIS	SA		
	(B)	Immunization p	revei	nts carriers stat	е				
	(C)	(C) Treatment of contacts is not indicated							
	(D)	Iron has critica	valu	e in the product	ion of	toxin			
79.	All o	of the following st	atem	ents about chole	era ar	e true except			
	(A)	O & H antigens	mea	sure carrier stat	e (B)	Culture mediu	n is T(	CBS Agar	
	(C)	Produces indole	and	reduces nitrate	(D)	Synthesize neu	ramini	dase	
80.	All	of the following s	atem	ents are true fo	r Elte	r Cholera except			
	(A)	Infection is mile	d and	asymptomatic				•	
	(B)	They are resista	ant to	polymyxin-B u	nit dis	вс			
	(C)	Chronic carrier	s are	common					
	(D)	Secondary attac	eks ra	te is high in far	nilies			,	
81.	Shig	ella are be divid	ed int	o sub group on t	the ba	sis of ability to fe	erment	;	
	(A)	Lactose	(B)	Maltose	(C)	Fructose	(D)	Mennitol	
82.	Whi	ch bacteria acts l	y inh	ibiting protein	synth	esis?			
	(A)	Pseudomonas	(B)	Staphylococus	(C)	Steptococcus	(D)	Klebscella	
83.	All o	of the following s	tatem	ents about Botu	ılism :	are true except			
	(A)	Botulism is cau	sed b	y endotoxin			•		
	(B)	Honey ingestion	ı caus	ses infant botuli	sm	•			
	(C)	Constipation is	seen						
	(D)	Detection of an	titoxi	n in the serum o	an ai	d in diagnosis			
						4			

84.	Acute haemorrhagic conjunctivitis is caused by											
	(A)	Entrovirus 70			(B)	Adenovirus						
	(C)	Poliovirus			(D)	Hepadina Virus		•				
85.	True statement about rabies is											
	(A)	Rabies infection causes life long immunity										
	(B)	Rabies vaccine is always live attenuated										
	(C)	Rabies has various strains										
	(D)	Rabies is best diagnosed by immuneflorescence study										
86.	Most common agent causing tuberculosis in AIDS patient in tropical countries is											
	(A)	Mycobacterium Tuberculosis			(B)	Mycobacterium intracellulare						
	<b>(C)</b>	Mycobacterium	parvi	um	(D)	Mycobacterium	atypio	eal				
87.	Epidemiological marker of Hepatitis B is											
	(A)	HBs Ag	·		(B)	HBe Ag						
	(C)	Core antigen			(D)	Core antibody						
88.		Reverse transcriptase polymerase chain reaction can aid in diagnosis of all of the following viral infections except										
	(A)	Adenovirus	(B)	Astrovirus	(C)	Rota virus	(D)	Poliovirus				
89.	All c	All of the following are dimorphic fungi except										
	(A)	Sporotricum	(B)	blastomycetes	(C)	Histoplasma	(D)	Cryptococcus				
90.	Most common presenting symptom of thread worm infection amongst the following is											
	(A)	Abdominal pair	n. '		(B)	Rectal prolapse						
	(C)	Urticaria			(D)	Vaginitis		•				
91.	All of the following statements about toxoplasmosis are true except											
	<b>(A)</b>	(A) Oocyst in freshly passed cat's faeces is infective										
	(B)	) May spread by organ transplantation										
	(C)	) Maternal infection acquired after 6 months has high risk of transmission										
	(D)	Arthalgia, som		roat and ab	domin	al pain are t	he 1	nost common				

92.	Plasmodium falciparum infection of man is characterized by										
	(A) The erythrocytes are increased insize										
	(B) All stages of erythrocytic schizogony are seen in peripheral blood										
	(C) Multiple infection of erythrocytes are seen										
	(D) Each erythrocytic cycle lasts 72 hours										
93.	Differentiation of N.gonorrhea and N.meningitides can be done by										
	<b>(A)</b> .	Glucose fermentation	<b>(B)</b>	V.P. Reaction							
	(C)	Maltose fermentation	(D)	Indole test	•						
94.	The medium used for Mycobacterium tuberculosis is										
	(A)	Sabouraud's medium	(B)	L J medium							
	(C)	Pick's medium	(D)	NIH medium							
95.	Rapid examination of Tubercle bacilli is possible with										
	(A)	Ziel-Nelson stain	(B)	Kin young stain							
	(C)	Auramine-Rhodamine stain	<b>(D)</b>	Giemsa stain							
96.	The commonest focus of Scrofuloderma is										
	(A)	Lung (B) Lymph node	(C)	Larynx	(D)	Skin					
97.	For experimental work, Lepra bacilli are best cultured in										
	(A)	Armadillos	(B)	Mouse food pad	,						
	(C)	guinea pigs	<b>(D)</b>	Rabbit testes							
98.	Whi	Which of the following is a true statement regarding Enterobacteriaceae?									
	(A)	Motility is by polar flagellum									
	(B)										
	(C) All members are oxidase positive										
	(D)	Nitrate reduction negative									
99.	Which of the following is true about Enteropathogenic E. coli?										
	(A)	Causes diarrhea in infants	:								
	(B)		-								
	(C) Adults are mostly affected.										
	(D)	Affects immunocompromised host									
<b>10</b> 0.	Varicella are classified under										
	(A)	Enterovirus (B) Retrovirus	(C)	Poxvirus	(D)	Herpesvi	rus				