

## श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेंद्रम, केरल-695 011 (एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार) SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM KERALA-695 011

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## **ENTRANCE EXAMINATION - ACADEMIC SESSION JANUARY 2024**

Program: Post Doctoral Certificate Course (PDCC) in Transfusion Transmitted Disease Testing

Time:90 Minutes

Max. Marks: 100

(Select the most appropriate answer)
(There are **no negative** marks for wrong answers)

1	T I That	first case of HIV in India was detected in			
	a	Mumbai			
	b	Delhi			
	С	Kolkata			
	d	Chennai			
2	In which year National Hemovigilance Programme was				
	lau	nched?			
	a	December 2010			
	b	December 2012			
	С	December 2013			
	d	December 2014			
3	Commonest reaction observed after massive blood				
	transfusion is				
	a	Acute hemolytic transfusion reaction			
	b	Transfusion associated circulatory overload			
	С	Transmission of viral disease			
	d	Iron overload			
4	Which city hosted the first National CME of Indian Society				
	of Transfusion Medicine?				
	a	Jaipur			
	b	Nagpur			
	С	Trivandrum			
	d	Chennai			
5	Transfusion transmitted bacterial infection will cause all,				
	except				
	a	High grade fever			
	b	Renal Shutdown			
	С	Hypotension			
	d	Dsypnoea			
6	Wł	nich among the following is tested specifically for the			
	de	tection of Occult Hepatitis B infection			

	a	HBsAg
	b	HBeAg
	С	Anti-HBc
	d	HBX
7	Wha	at percent of the HCV infections becomes chronic?
	а	10%
	b	30%
	c	60%
	d	90%
3	Ide	ntified genotypes of Hepatitis B are
	a	A, B, C
	b	A, B, C, D, E
	С	A, B, C, D, E, F, G, H
	d	A, B, C, D, E, F, G, H, I, J
9	In i	nalaria, the form of plasmodia transmitted from squito to human is the
	a	Sporozoite
	b	Gametocyte
	С	Merozoite
	d	Hypnozoite patitis D is classified under the family
10	He	patitis D is classified under the family
	a	Anelloviridae
	b	Flaviviridae
	С	Deltaviridae
	d	Hepadnaviridae
11	Na	tional Blood Transfusion Council was established on
	a	23 May 1996
	b	7 April 1998
	С	1 December 1992
	d	1 October 1997
12		V 2 is more prevalent in which part of the world?
	a	Asia West Africa
	b	
	C	Northern Europe  North America
10	d	andatory testing of HIV in Blood center is by all, except
13		andatory testing of mv in Blood certification,
	a	Rapid test ELISA test
	b	Chemiluminescence test
	C	Nucleic Acid Amplification test
	d	ho didn't receive Nobel prize for discovering Hepatitis C
14		
		rus?
	a	Harvey J Alter
	b	Bharuch Blumberg
	C	Michael Houghton
15	d	Charles M Rice sed surgical masks should be disposed in
	T	sed surgical masks should be disposed in

	b	Red colored bags
	С	White colored bags
	d	Green colored bags
6	Whi	ch of the following protease inhibitor drug is used as a
	High	aly active antiretroviral therapy (HAART), in a
	com	bination regimen with other antiretroviral drugs.
	a	Efavirenz
	b	Indinavir
	С	Ritonavir
	d	Zidovudine
17	Firs	t Lockdown due to COVID 19 declared in India
	a	February 2020
	b	March 2020
	С	April 2020
	d	May 2020
18	A STATE OF THE PARTY OF THE PAR	ubation period of Hepatitis A
10	1110	
	a	15 – 50 days
	b	60 - 75 days
	С	100 – 120 days
	d	150 – 160 days
19	Che	pose the appropriate statement regarding Hepatitis A
		It is a DNA virus
	a	
	b	It is an enveloped virus
	C	It is a Picornavirus
	d	Frequently leads to chronic liver disease
20		od donor who is a close contact of Hepatitis B
	ind	ividual should be deferred for
	a	6 months
	b	1 year
	C	2 year
	d	Permanently deferred
21		O declared COVID-19 pandemic officially on
	a	9 January 2020
	b	13 January 2020
	C	11 March 2020
	d	30 January 2020
22		disease jumps from a non-human animal to a human
		en it is termed as
	a	Zoonotic disease
	b	Congenital disease
	C	Iatrogenic disease
	d	Infectious disease
23		risch-Herxheimer Reaction is seen in
	a	Malaria
	b	AIDS
	C	Viral Hepatitis
	d	Syphilis
		nich of the following bacterial infections is predominan
24	I VV I	TICH () LIC TOHOWING DUCCONAL MILES OF PERSON IN

1 3	a	Tuberculosis		
	b	Candidiasis		
	С	Toxoplasmosis		
	d	Pneumocystis carinii pneumonia		
25	Whi	ch of the following is psychrophilic?		
	а	Yersinia enterocolitica		
	b	Yersinia Pestis		
	С	Salmonella paratyphi		
	d	Salmonella typhi		
26	Ant	igen binding sites are present in		
	а	Fab region of an antibody		
	b	Fc region of an antibody		
	C	Only in the light chain		
	d	Only in the heavy chain		
27		en was the first case of human AIDS reported in the		
	USA			
	a	1980		
	b	1981		
	c	1982		
	d	1983		
28		nes for ABO blood groups are inherited as		
20	a	Autosomal Recessive		
	b	Autosomal Dominant		
	C	X-linked Recessive		
	d	X-linked Dominant		
29		der Hemovigilance Programme of India, which		
29	transfusion reaction has the scope for reporting			
	a	Transfusion transmitted HIV		
	b	Transfusion transmitted Malaria		
	C	Transfusion transmitted bacterial infection		
	d	Transfusion transmitted Syphilis		
30		no is the primary host of plasmodium		
30	a	Man		
	b	Rat		
		Anopheles		
	d	None of the above		
31		nich area considered as Hot Pots area of COVID -19		
31		Red Zone		
	a b	Orange Zone		
	C	Yellow Zone		
	d	Green Zone		
32	1371	nich of the following has the longest incubation period?		
32	a	P. falciparum		
	b	P. vivax		
	C	P. ovale		
	d	P. malariae		
22		tional Viral Hepatitis Control Organization was		
33		unched in		
		2004		
	a	2007		

	0	2016
	d	2018
34	UIV	transmission through blood transfusion is known as
70	a	Acute Immune transfusion reaction
	b	Delayed Immune transfusion reaction
		Acute Non-Immune transfusion reaction
	d	Delayed Non-Immune transfusion reaction
35		n proteins are implicated in the etiology of
33	No. of the last	Spongiform encephalopathy
	a b	Viral encephalitis
		Perivenous encephalomyelitis
	d	Progressive multifocal leukoencephalopathy
26		n disease is caused by
36		CMV
	a b	EBV
		HTLV-II
	d	Parvovirus B19
07		tain microorganisms as Salmonella, Listeria, Neisseria,
37	Cer	Cryptococcus consist of specific carbohydrate moieties
	and	the surface antigen that activate
		Alternative pathway
	a b	Classical pathway
		Lectin binding pathway
	C	All of the above
00	d	Reservoir host for West Nile Virus is
38		
	a	Birds
	b	Horse
		TT
	C	Human
00	d	Bats
39	d	Bats ich of the following vial markers were studied in the
39	d Wh	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations
39	d Wh cor as	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study
39	d Wh cor as	Bats ich of the following vial markers were studied in the itext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV
39	d Wh cor as a b	Bats ich of the following vial markers were studied in the stext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV
39	d Wh cor as a b	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV
	d Wh cor as a b c	Bats ich of the following vial markers were studied in the stext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV
39	d Wh cor as a b c d The	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes
	d Wh cor as a b c d The	Bats ich of the following vial markers were studied in the stext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague
	d Wh cor as a b c d The a b	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella
	d Wh cor as a b c d The a b	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps
40	d Wh cor as a b c d The a b c	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle
	d Wh cor as a b c d The a b c d	Bats ich of the following vial markers were studied in the stext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle ich period is the stage of disease during which the
40	d Wh cor as a b c d The a b c d Wh pa	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle ich period is the stage of disease during which the tient begins to present general signs and symptoms?
40	d Wh cor as a b c d The a b c d Wh pa	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle ich period is the stage of disease during which the tient begins to present general signs and symptoms? Convalescence
40	d Wh cor as a b c d The a b c d Wr pa a b	Bats ich of the following vial markers were studied in the stext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV be bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle ich period is the stage of disease during which the tient begins to present general signs and symptoms? Convalescence Illness
40	d Wh cor as a b c d The a b c d Wh pa a b c	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle nich period is the stage of disease during which the tient begins to present general signs and symptoms? Convalescence Illness Incubation
40	d Wh cor as a b c d The a b c d Wh pa a b c	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle ich period is the stage of disease during which the tient begins to present general signs and symptoms? Convalescence Illness Incubation Prodromal
40	d Wh cor as a b c d The a b c d Wh pa a b c	Bats ich of the following vial markers were studied in the atext of behavioral risk factors associated with donations part of Retrovirus Epidemiology Donor (RED-II) study HIV, HBV, HCV and HTLV HIV, HBV, HCV and WNV WNV, CMV, EBV and HIV CMV, EBV, HIV and HCV bacterium Yersinia pestis causes Bubonic Plague Rubella Mumps Measle nich period is the stage of disease during which the tient begins to present general signs and symptoms? Convalescence Illness Incubation

45.1	С	Yersinia enterocolitica
	d	Salmonella typhi
43	Faci	h of the following statements concerning malaria is
73		ect, except
10/2	a	The female anopheles mosquito is the vector
	b	Early infection, sporozoites enter hepatocytes
	C	Release of merozoites from red blood cells causes
	C	fever and chills
	d	The principal site of gametocyte formation is the
	u	human G.I. tract.
44	Whi	ch of the following is an important molecule present in
	the	outer membrane of HIV that helps the virus to enter
	and	infect host cells?
	a	Lipopolysaccharide
	b	Protein
	c	Polysaccharide
	d	Glycoprotein
45		v does Ebola spread from human to human?
10	a	Spreads through direct contact with blood and bodily
	-	fluids
	b	Spreads through inhaling infected droplets
	С	Spreads through contaminated water
	d	None of the above
46	Wh	at is the CD4 T-cell count at which AIDS is considered
10		nave developed?
	a	Below 1000 per cubic milliliter
	b	Below 500 per cubic milliliter
	C	Below 200 per cubic milliliter
	d	Below 100 per cubic milliliter
47		ich is not an iron containing protein?
	a	Lactoferrin
	b	Transferrin
	C	Hemosiderin
	d	Ceruloplasmin
48		st frequent indication for liver transplantation among
.0		following '
	a	Hepatitis B
	b	Hepatitis C
	C	Hepatitis D
	d	Hepatitis E
49	HIV	V 2 is more prevalent in which part of the world?
	a	Asia
	b	West Africa
	C	Northern Europe
	d	North America
50	Ao	ents with sufficient low to high scientific/epidemiologic
	evi	dence of risk in regard to blood safety with the potentia
	for	severe clinical outcomes. belongs to
	a	White priority
	b	Yellow Priority
	C	Orange Priority

	d	Red Priority		
51	P. falciparum differs from other plasmodia in following			
	aspects except			
	a	It does not have exo-erythrocytic stage		
1	b	It parasitizes only juvenile red cells		
		It causes malignant malaria		
	d	One red cell may contain more than one parasite		
-0		hilis is often called		
52	-	The Invisible		
	a			
	b	The terrorizing The Great Imitator		
	C			
	d	The Great Terminator		
53	In the case of SARS in human beings, the mode of infection is			
	7			
	a	From Mosquito		
	b	From person to person		
	С	From poultry birds		
	d	From Domestic dogs		
54	Ant	i HBs in the plasma as a marker suggests		
	a	Acute infection of Hepatitis B		
	b	Active infection of Hepatitis B		
	C	Chronic infection of Hepatitis B		
	d	Resolved infection		
55	Mo	squito-borne viral haemorrhagic fever include the		
	foll	owing examples, except		
	a	Dengue fever		
	b	Yellow fever		
	С	Rift valley fever		
	d	Kyasanur Forest fever		
56	Sw	ine flu influenza virus is		
	a	H5N1		
	b	H1N1		
	C	H5N2		
	d	H1N2		
57	In	the classical pathway, which of the following		
	COI	mplement complex serve as C3 convertase		
	a	C4aC2a		
	b	C4bC2b		
	C	C4bC2a		
	d	C4aC2b		
58	AA	BB has approved alternative to gamma irradiation to		
	pre	event TA-GVHD		
	a	Mirasol		
	b	Intercept		
	C	Theraflex		
	d	Theraflex UV		
59	Po	thogen reduction technology is approved for all except		
39	The same	Packed Red Cells		
	a b	Fresh Frozen Plasma		
	D			
	С	Platelets		

50	Тур	e I hypersensitivity involves			
	a	IgM			
	b	IgG			
	С	IgD			
	d	IgE			
51	Ver	tical transmission of Hepatitis B occurs usually at the			
	a	First trimester of pregnancy			
	b	Second trimester of pregnancy			
	С	Third trimester of pregnancy			
	d	There is no vertical transmission			
52	From which city HIV was first reported?				
	a	New York			
	b	Chicago			
	С	Washington DC			
	d	San Francisco			
63	Wh	ich of this does not inhibit dietary iron absorption?			
	а	Vitamin C			
	b	Calcium			
	С	Phytates			
	d	Polyphenol			
64	De	ngue haemorrhagic fever is characterised by following			
04	laboratory, findings except				
	a	Leucopenia			
	a b	Leucopenia Lymphocytosis			
		Lymphocytosis			
	b c	Lymphocytosis Thrombocytopenia Decreased Hematocrit			
65	b c d In	Lymphocytosis Thrombocytopenia			
65	b c d In	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989			
65	b c d In Inc	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units			
65	b c d In Inc	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996			
65	b c d In Inc a b c d	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001			
65	b c d In Inc a b c d	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996			
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	b c d In Inc a b c d Wc	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on			
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66	b c d In Inc a b c d Wc a b c d	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in dia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant			
66	b c d In Inc a b c d Wc a b c d Th	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in dia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is			
66	b c d In Inc a b c d Wc a b c d Th	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant Autosomal Recessive X-linked Dominant			
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66	b c d In Inc a b c d Wc a b c d Th a b c d	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant Autosomal Recessive X-linked Dominant X-linked Recessive			
66	b c d In Inc a b c d Wc a b c d Th a b c d W W W W W W W W W W W W W W W W W W	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant Autosomal Recessive X-linked Dominant			
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66	b c d In Inc a b c d Wc a b c d Th a b c d Wr ge	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant Autosomal Recessive X-linked Dominant X-linked Recessive hich among them is a non-structural protein in HCV mome			
66	b c d In Inc a b c d Wc a b c d Th a b c d Wi gee	Lymphocytosis Thrombocytopenia Decreased Hematocrit which year screening of HCV was made mandatory in lia for the collected blood units  1989 1992 1996 2001 orld Hemophilia day is on 7 April 17 April 7 May 17 May e mode of inheritance of Hemophilia B is Autosomal Dominant Autosomal Recessive X-linked Dominant X-linked Recessive nich among them is a non-structural protein in HCV nome C protein			

69		ch among the following can be used as treatment for eatitis C?		
4	а	Pyglated Interferon		
	b	Declatasvir		
	С	Cyclophilin B		
	d	All of the above		
70	200,000			
70	Creutzfeldt-Jakob disease (CJD) is a Parasitic disorder			
	a	Sept.		
	b	Prion disorder		
	С	Bacterial disorder		
	d	Fungal disorder		
71	Her	patitis D is a		
	a	ss DNA virus		
	b	ds DNA virus		
	С	ss RNA virus		
	d	ds RNA virus		
72	Mo	st common genotype of HCV in India		
	a	Genotype 3 and 1		
	b	Genotype 4 and 2		
	С	Genotype 1 and 4		
	d	Genotype 2 and 1		
73	Blo	od donor with unknown hepatitis should be deferred		
	for			
	a	Permanently deferred		
	b	3 months		
	С	6 months		
	d	12 months		
74	Ch	ikungunya is transmitted to humans by		
	a	Aedes		
	b	Anopheles		
	С	Tic		
	d	Culex		
75	Which among the following Hepatitis virus has long incubation period?			
	a	G		
	b	E		
	С	D		
	d	C		
76	HBV screening for collected blood units was initiated in India in			
	а	1975		
	b	1980		
	С	1986		
	d	1992		
77		gs or dogs are the sources of human infection by each og following parasites, except		

b Taenia solium c Ascaris lumbricoides d Trichinella spiralis  Which type of disinfectant useful in surface cleaning purpose on COVID-19 exposure? a Chlorohexidine b Phenol c Sodium hypochlorite d Glutaldehyde  Which one is not an Open Reading Frame (ORF) of Hepatitis B Genome a C b P c R d X  80 Shape of nucleocapside core of Hepatitis B is a Circular b Square c Rectangular d Icosahedral  81 Which of the following enzyme is required for the vira replication process and plays a critical role in the pathogenesis of HIV infection? a RNA polymerase b DNA polymerase c RNA polymerase c RNA polymerase II d Reverse transcriptase  82 Generally in Occult Hepatitis B infection a HBsAg +ve and Anti HBc +ve b HBsAg +ve and Anti HBc +ve d HBsAg -ve and Anti HBc +ve d HBsAg -ve and Anti HBc +ve d HBsAg -ve and Anti HBc rec c HBsAg -ve and Anti HBc rec c HBsAg -ve and Anti HBc here d HBsAg -ve and Anti HBc h			Echinococcus granulosus		
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84 Clostridia are implicated in the following, except  a Botulism b Necrotizing enterocolitis c Bacillary dysentery d Pseudomembranous colitis  85 Intercept blood system is a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light		7/11/2			
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b Necrotizing enterocolitis c Bacillary dysentery d Pseudomembranous colitis  85 Intercept blood system is a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light	0-1				
c Bacillary dysentery d Pseudomembranous colitis  85 Intercept blood system is a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light		-			
d Pseudomembranous colitis  85 Intercept blood system is  a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light	RET	2000			
85 Intercept blood system is  a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light					
a Psoralen + UV light b Methylene Blue + UV light c Amotasalen + UV light	Q.5				
b Methylene Blue + UV light c Amotasalen + UV light	00	-			
c Amotasalen + UV light		-	Methylene Rlue + IW light		
		d	Riboflavin + UV light		

86	Whi	ch of the following organisms has showed the most			
	resistance to pathogen inactivation using photochemical method?				
	a	Plasmodium falciparum			
	b	Pseudomonas aeruginosa			
	C	HIV			
	d	HAV			
87		st photochemical pathogen reduction technology was			
01	a Amotasalen + UV light				
	b	Methylene Blue + UV light			
		Psoralen + UV light			
	d	Riboflavin + UV light			
00		ich method is used for viral inactivation of Albumin for			
88					
		nan use			
	a	Heat inactivation			
	b	Nano-filtration			
	С	Solvent detergent treatment			
	d	Psoralen			
89	Doi	nor deferral period suggested after live virus			
	imr	nunization with the Yellow Fever 17D vaccine is			
	a	1 week			
	b	2 weeks			
	С	4 weeks			
	d	6 months			
90	He	patitis B markers: HBsAg +ve IgM and Anti HBc +ve			
	sug	ggests			
	a	Chronic Hepatitis B with low infectivity			
	b	Chronic Hepatitis B with high infectivity			
	C	Acute Hepatitis B with low infectivity			
	d	Acute Hepatitis B with high infectivity			
91		ich among the following marker is detectable first in			
71	Hepatitis C?				
	a	HCV - RNA			
	b	Elevation of Alanine Aminotransferase (ALT)			
	С	Anti-HBc			
	d	HCV - DNA			
92	A blood donor who received Hepatitis B Immunoglobulin				
	should be deferred for				
	a	14 days			
	b	28 days			
	С	1 year			
	d	Permanently deferred			
93	Pre	e-exposure prophylaxis is required for			
M.	а	Health workers			
	b	Hemodialysis patients			
	С	People with multiple sex partners			
	d	All of the above			
94	Wr	ong statement about Hepatitis E virus			

	a	It is an RNA virus			
	b	It is an enveloped virus			
	c	Classified under Hepaviridae			
	d	Incubation period is around 40 days			
95	Exp	onential growth of bacteria occurs in platelet			
	cond	centrates on			
	a	Immediately after collection			
	b	After 5 days of collection			
	С	After 3 days of collection			
	d	24 hours after collection			
96	In D	NA, cytosine binds with			
	a	Thymine			
	b	Adenine			
	С	Guanine			
	d	Uracil			
97	Stre	eptococci are commonly implicated in the etiology of the			
	follo	owing, except			
	a	Rheumatic heart disease			
	b	Glomerulonephritis			
	С	Breast abscess			
	d	Sub-acute bacterial endocarditis			
98	Fur	ngi in general can be identified by the following stains,			
	exc				
	a	Giemsa			
	b	Silver stain			
	С	Periodic acid Schiff			
	d	Mucicarmine			
99	The	chemokine receptor cell present in the host			
	macrophages that helps in the primary attachment of HIV				
	is				
	а	CxCR4			
	b	CCR5			
	С	Both of the above			
	d	None of the above			
100	Wo	rld Hepatitis Day is celebrated on			
	a	7 April			
	b	14 June			
	С	28 July			