QUESTION BOOKLET AND ANSWER KEY FOR RECRUITMENT TEST OF

Microbiologist Code-C-21

HELD ON 18 & 19 Feb. 2012

ENGLISH VERSION

1.	'ਨੱਕ ਵੱਟਣਾ' ਮੁਹਾਵਰੇ	ਦਾ ਕੀ ਅਰਥ ਹੈ		
	(A) ਨੱਕ ਮਰੋੜਨਾ		(B) ਨੱਕ ਭੰਨਣਾ	
	(C) ਕਿਸੇ ਚੀਜ ਨੂੰ ਪਸੰਦ	ਨਾ ਕਰਨਾ	(D) ਨੱਕ ਵੜਨਾ	
2.	ਅਕਲਾਂ ਬਾਝੋਂ	ਅਖਾਣ ਪੂਰੀ	वर्वे :	
	(A) ਸਿਰ ਖਾਲੀ	(B) ਖੂਹ ਖ਼ਾਲੀ	(C) ਖਜ਼ਾਨੇ ਖਾਲੀ	(D) ਘਰ ਖ਼ਾਲੀ
3.	'ਕੁ' ਅਗੇਤਰ ਲਾਕੇ ਸ਼ਬ <u>਼</u>			
	(A) ਕੁਲੱਛਣਾ	(B) ਕੁਕੜੀ	(C) ਕੁੱਤਾ	(D) ਕੁੜੀ
4.	ਹੇਠ ਲਿਖਿਆਂ ਵਿਚੋਂ ਸ਼ੁੱ	ਧ ਵਾਕ ਦੀ ਚੋਣ ਹ		
	(A) ਉਸ ਦਿੱਲੀ ਜਾਣਾ	ਹੈ	(B) ਦਰਵਾਜ਼ਾ ਖੜਕਦਾ	
	(C) ਕਾਲਾ ਕੁੱਤਾ ਹੈ		(D) ਲੱਡੂ ਉਹ ਹੈ ਖਾਂਦਾ	02
5.	ਨਾਂਵ ਕਿੰਨੇ ਪ੍ਕਾਰ ਦੇ ਹੁੰ	ਦੇ ਹਨ :	0.	
	(A) ਸੱਤ	(B) ਚਾਰ	(C) ਤਿੰਨ	(D) ਪੰਜ
6.	ਮਾਝੀ ਕਿਸ ਇਲਾਕੇ ਦੀ	ਉਪ-ਭਾਸ਼ਾ ਹੈ:	5	
	(A) ਪਟਿਆਲਾ	(B) ਕਪੂਰਥਲਾ	(C) ਅਮ੍ਰਿਤਸਰ	ਰ (D) ਬਠਿੰਡਾ
7.	'ਪੂਰਦੂਰਾਂ ਨੂੰ ਸੁੱਚੋਂ ਤਾਂ	ਜੋ ਇੱਟਾਂ ਚਕਾਈ	ਆਂ ਜਾਣ' ਵਾਕ ਕਿਹੜੀ	ਕਿਸਮ ਦਾ ਹੈ :
7.	(A) ਸਾਧਾਰਨ	(B) ਮਿਸ਼ਰਤ	(C) ਬਿਨੈਵਾਚ	ਕ (D) ਸੰਯੁਕਤ
8.	ਸ਼ੁੱਧ ਸ਼ਬਦ ਜੋੜ ਚੁਣੋ :			•
	(A) ਆਵਾਜ਼	(B) ਅਵਾਜ	(C) ਅਵਾਜ਼	(D) ਵਾਜ਼
9.	ਲਿੰਗ ਅਨੁਸਾਰ ਪੰਜਾਬ	ੀ ਸ਼ਬਦ ਦੇ ਕਿੰਨੇ	ਭੇਦ ਹੁੰਦੇ ਹਨ :	
	(A) ਇੱਕ	(B) ਚਾਰ	(C) ਪੰਜ	(D) ਦੋ
10.	ਨਿਸਚੇਵਾਚਕ ਪੜਨਾਂ	ਵ ਚੁਣੋ:		
	(A) ਆਹ/ਉਹ	(B) ਅਸੀਂ	(C) ਤੁਸੀਂ	(D) ਮੈਂ
belov	v. which may be used	l in filling the g	rect preposition, out gaps:- cold blood was	of the four choices given
V.11	(A) with (B) i		(C) at	(D) upon
Q.12.	(A) of (B) v		(C) off	(D) upon

Page 1 of 8 C-21 (Eng)

Q.13. l	(A) upon	ıs his inte (B) of	ntions. (C) to	(D) of	f ·	
Q. 14.	The robbers (A) into	barged a (B) to	dilapidated bu (C) of	ilding last nig (D) at	sht.	
		<u>17):-</u> Choose t	he correct syno	nym of the giv	en word.	
Q.15.	Covert:- (A) clear	(B) intense	(C) secret	(D) op	en	
Q.16.	Feint:- (A) faint	(B) deception	on (C) to reconst	truct (D) to	praise somebo	dy
Q.17.	Interment:- (A) a funeral (C) to be full	of pride	(B) to be mad (D) to be shy.	or crazy about	something	
<u>Direct</u> senten		O:- Choose	the correct fo	rm of the pl	nrasal verb ii	n the given
Q.18.	The organize (A) on	rs are laying_ (B) with	refreshments (C) by		formance. (D) at	
Q.19.	Let us put the (A). with	e matter (B) to	the Principal. (C) by		(D) on	
Q.20 I	can't make _ (A) with	why he lik (B) about	x es Sachin so m ı (C) ou		(D) of	f
21.	Which count A) Canada	try is the larg B) C	est producer of hina	maize? C) India	D) US	SA
22.	While travel A) Moga	ing from Fazi B) Fa	ilka to Patiala, (atehgarh Sahib	he shortest ro C) Mansa	ute will pass th D) Ba	hrough: rnala
23.	Who built th A) Ala Singl	ne Shahpur K 1 B) B	andi Fort? hao Singh	C) Saif Khan	D) Sh	ah Jahan
24.	scheme/yoja A) Jawaharla B) National C) Rajiv Aw	na/mission pe al Nehru Natio Urban Housin	onal Urban Rened g and Habitat Po	wal Mission	n 2005 with	a 7 year
25.	Who bagged A) Amrita P.		ademi Award fo hai Vir Singh	or `Sunehray'? C) Gurdial Si		ohan Singh
26.	When did In against Nucl A) January 2 C) January 2	lear Installati 27, 1978	istan sign the '. ons and Faciliti	es'? B) December D) December	31, 1988	on of Attack
			Page 2 of 8 C-	21 (Eng)		

27.	In 1970, which aw semi-dwarf, high-y	vard was conferred ield, disease-resista	on Norman Borlaug who had developed t wheat varieties?		
	A) Nobel Peace Pri	ze	B) Nobel Prize in Ph		
	C) Nobel Prize in C	Chemistry	D) Nobel Prize in Pl	nysiology or Medicine	
28.	Who presides over	the joint sitting of t	he Lok Sabha and th	e Rajya Sabha?	
	A) The Speaker of	the Lok Sabha	B) The President		
	C) The Chairman o	f the Rajya Sabha	D) The Prime Min	hister of India	
29.		Institute of Immuno	ology situated?	D) Passa	
	A) Chandigarh	B) Hyderabad	C) New Delhi	D) Pune	
30.	About what percer		of Punjab is under ``	Very Dense Forest'?	
	A) 0%	B) 3%	C) 6%	D) 10%	
31.	Who were the two New Delhi?	leading 20th centur	y British architects t	o lay the foundation of	
	A) Albert Mayer at	nd Edwin Lutyens		₂ O ₁	
	B) Edwin Lutyens	and Herbert Baker		20	
		nd Matthew Nowick	i		
	D) Matthew Nowic	ki and Albert Mayer	0.		
32.	Where is Shamsi a	irboce cituated?			
34.	A) Afghanistan	III MASC SICEMICCE	B) Andhra Prades	sh	
	C) Arunachal Prade	esh 45	D) Balochistan		
33.	When did the Kvo	to Protocol enter in	ito force?		
33.	A) 5 June 1992	EQ E BOLOGOR CITEDE ST.	B) 16 February 2	005	
	C) 11 December 19	97	D) 16 July 2007		
3.4	India's Donublic I	Day coincides with:			
34.	A) Australia Day	Jay contentes with.	B) Canada Day		
	C) South Korea's l	Independence Day	D) Sri Lanka's Ir	ndependence Day	
A) #	The Thein Dam is	an the private			
35.	A) Ravi	B) Beas	C) Sutlej	D) Jhelum	
	,	,			
36.			e largest National Pa	rk?	
	A) Hemis National	l Park	B) Kaziranga Na		
	C) Nanda Devi Na	tional Park	D) valley of Fio	wers National Park	
37.	Name the dance Bhangra and feat	form which is said ures three generatio	to be slower and n ons - father, son and	nore rhythmic form of grandson - dancing all	
	together.	man is the same	C) T 11'	D) Commi	
	A) Gatka	B) Jhumar	C) Luddi	D) Sammi	
38.	As per provisiona	l estimates what is p	opulation density of	Punjab and Haryana?	
	A) 550 and 573 res	spectively	B) 573 and 550 r	respectively	
	C) 877 and 893 res	spectively	D) 893 and 877 a	respectively	

39.	Match List I (Perso	m) with List II (Ca	mmtra)	V
39.	List I	ME) WHERE EXIST EX (CO.	List II	
	1-Leymah Gbowe	e e	a.Kenya	The second secon
	2-Tawakkol Karn		b.Liberia	
	3-Wangari Maath		c.Yemen	
	A) 1-a, 2-b, 3-c		C) 1-b, 2-c, 3-a	D) 1-c, 2-a, 3-b
40.	Match List I (Perso	on) with List II (Spe	ort)	
	List I	,	List II	
	1-Arti Pradhan		a-Swimming	
	2-Manjit Dua		b-Table Tennis	
	3-Rajiv Tomar	•	c-Wrestling	
	A) 1-a, 2-b, 3-c	B) 1-b, 2-a, 3-c	C) 1-a, 2-c, 3-b	D) 1-c, 2-b, 3-a
41.			ers has a terminating	decimal expansion?
	A) $\frac{29}{2^25^77^5}$	B) $\frac{16}{15}$	C) $\frac{39}{210}$	D) $\frac{75}{512}$
	$2^{2}5^{7}7^{5}$	15	210	512
42.	separately in such	a way that each s overed by stacks is	tack has same numbe	hese are to be stacked or of pieces, and total maximum number of
	A) 42	B) 10	C) 13	D) none of these
43.	The graph of a cub A) at least 3 points	bic polynomial inter B) at most 3 poin) none of these is true
44.	The ratio of incom 4:3. If each of incomes are. A) 18, 12	nes of two persons i them manages to s B) 18, 14	s 9: 7 and the ratio of save Rs 20 per month. C) 180, 140	f their expenditures is n, then their monthly D) 1800, 1400
		•		
45.		0 and $3x + 4y - 20 =$ B) Coinciding	C) not planar	D) Intersecting
46.	If $p(x) = x^2-5x+6$ a A) $x + 2$	and $q(x) = x^2 + 5x - 14$. B) $x + 4$	Then HCF of $p(x)$ and C) $x-2$	d $q(x)$ is: D) $x - 4$
47.	Two consecutive o	dd nositive integers	s, sum of whose square	es is 290, are
** / •	A) 11, 13	B) -11, -13	C) 13, -11	D) none of these
48.	The 10 th term of th A) 52	ne AP: 2, 7, 12, B) 47	is C) 42	D) none of these
49.	The 11 th term from A) -35	n the last term of au B) -26	AP: 10, 7, 4,, -6 C) -29	2 is D) -32
50.	Roots of the anadi	ratic equation $6x^2$ –	x-2=0 are	
, ₹9 ¢	A) $\frac{2}{3}$, $-\frac{1}{2}$	B) $\frac{2}{3}$, $\frac{1}{2}$	C) $-\frac{2}{3}$, $-\frac{1}{2}$	D) $-\frac{2}{3}, \frac{1}{2}$
51.	Find the odd one		ies hc, lg, pk, to, xr	D)
	A) lg	B) pk	C) to	D) xr

52.	For the coded ser A) roj	ies: Yvs, uro, n B) rok	njg, ite, v	vhat could be a C) vsp	part of the series? D) zvt
53.	Find the odd one A) 21	out 21, 29, 3 B) 31	51, 41, 53	, 61 , 67 , 71 C) 41	D) 62
54.	What should rep	lace X in The fo	llowing	arrangement?	
	3	4	2		
	4	2	3		
	7	6	5		
	8	X	6		
	A) 2	B) 7		C) 8	D) 9
55.	What per cent is			C) 15/5	D) 15/5 X 100
	A) 5/15 X 100	B) 5/15		C) 15/5	D) 15/5 X 100
56.	Following statem is sister of K, P is S, U is grandson A) K	brother of N,	N is dan	ghter of J, S is	hips: K is brother of J, M father of M. T is cousin of D) T
57.	Which months' f	irst date will ha	ive the sa	ime day as tha	t of 1st April?
57.	A) June	B) July		C) August	D) September
58.59.	speak in Hindi, I and Punjabi? A) 45 In a cricket Tes	f 330 can speal B) 217 t match, while	t in Punj C) Da playing	abi, then how ata inadequate against Austra	in Hindi and 158 can not many speak in both Hindi D) Data inconsistent alia, Sachin scored more
	scored more run	s than Sachin han Sehwag. V	and Roh Vho scor	it scored more	Dhoni, Gautam Gambhir runs than Dhoni. Dravid m runs in the Test? D) Data inconsistent
60.	a PA or a Steno	in such a way to e consecutively	that at le	ast one room l	Each room is having either has a Steno and the rooms number of ways in which D) 33
	22,50				,
61.	Which of the foll A) TaqMan PCR C) Reverse Transc		ntitative :	nucleic acid an B) Nested PC D) multiplex	
62.	C) is most infection	ed through imm normalities if th ous before the or	unization e mother nset of sy	becomes infect mptoms	nuated strain ed during pregnancy nich is the main cause of

63.	C) causes an increase	aining RNA which encodes the cor in CD8 lymphocytes	cy virus-1 (HIV-1): re nucleocapsid polypeduring seroconversion y measuring the p24 ar	
64.	Which is NOT true at A) it is a Gram positive B) the symptoms of to C) tetanus antitoxin in D) Clostridium tetani	ve bacillus with terminetanus are produced by sineffective when the	nal spore y an endotoxin o toxin enters the nervo	us tissue
65.	BamHI is a restriction A) I	on enzyme belonging B) II	to the Type C) III	D) IV
66.	In the Kauffmann W A) 2, 12	White classification, S B) 9, 12	Calmonella typhi O-ant C) 6, 8	igen is of the type D) 3, 10
67.	Which Clostridium of A) C. Perfringens	loes not cause gas ga B) C. Novyi	ngrene C) C. septicum	D) C. difficile
68.	Which of the followi A) Poliovirus	ng does not belong to B) Coxsachie virus	o Enterovirus group C) Echovirus	D) Rhinovirus
69.	Dental caries is caus A) Bacteroides oralis C) Streptococcus mut	24	B) Staphylococcus at D) Providentia stuar	
70.	Q fever is caused by A) Rickettsia prowaz C) Streptococcus viri	ekii	B) Coxiella burnetii D) Corynibacterium	diphtheriae.
71.	Interleukin-1 is prod A) T cells	duced by B) B cells	C) Plasma cells	D) Macrophages
72.	HTST pasteurizatio A) 71.6 C / 15 sec C) 62.9 C / 15 sec	n is done at	B) 71.6 C / 30 min D) 62.9 C / 30 min	
73.	Rum is made by the A) Malted barley	fermentation of B) Molasses	C) Grapes	D) Fruit Juice
74.	Bioaugmentation fo A) adding useful mic C) using natural soil	robe(s) in soil	orinated solvents in so B) adding useful nut D) adding trace elem	rients in soil
<i>75</i> .	What is NOT true a A) it is caused by an B) it causes facial ner C) tuberculoid lepros D) more bacilli ar than tuberculoid le	acid fast bacteria rve palsy y occurs in patients w e found in the ski	ith poor cellular immu n of patients with l	nity epromatous leprosy

76.	For the detection of colif A) MacConkey agar	Forms in potable B) Lactose broth	water, the confir C) EMB agar	med test employs D) Sabourod's agar
77.	Selective media for the is A) Brillian Green B)	solation of Salmo Tetrathionate		onment DO not contain) Benzalkonium chloride
78.	Elephantiasis is caused be A)Trypanosome brucei C)Trypanosoma cruzi	Dy	B)Toxoplasma g D)Wuchereria b	
79.	Rubella virus belongs to A)Togaviridae B)I	the family Flaviviridae	C)Rhabdovirida	e D)Bunyaviridae
80.	Which option is false for A) More than 90% of the B) exons are the part of the C) introns usually begin v D) splicing cut out the mi	base sequences in the gene that code to with the nucleotide	n human DNA hav for amino acids fo e sequence GT	ve not known function und in the final proteins.
81.	The indicator organism A) Rickettsia prowazekii C) Streptococcus viridian	· · · · · · · · · · · · · · · · · · ·	B) Coxiella buri	netii rium diphtheriae.
82.	Only archaebacteria hav A) unsaturated fatty acids C) cholesterols		n their cell meml B) saturated fatt D) Diglycerol T	y acids
83.	Delayed hypersensitivity A) Dick test B)	y to PPD is meas Schick test	ured by C) Montoux test	t D) HPV test
84.	Cholera toxin consists o A) 5 A and 1 B chains C) 1 A and 1 B chain	f	B) 1 A and 5 B D) 5 A and 5 B	
85.	A polypeptide of 110 kB A) 0.11 kb B)	a will be coded b	oy a gene of the si C) 3.0 kb	ize D) 1.5 kb
86.	The three sugars used in A) Lactose, Sucrose, Mar C) Lactose, Sucrose, Glu	nnitol	B) Lactose, Glu D) Sucrose, Glu	
87.	Erythrogenic toxin caus A) Corynibacterium diph C) Brucella abortus		is produced by ly B) Bordetella po D) Streptococcu	ertussis
88.	Thiosulfate citrate bile s A) Staphylococcus aureu C) Neisseria gonorrohoe	S	B) Vibrio choles	ultivation of rae rium diphtheriae
89.	Normal flora of the con A) Chlamydia C) Streptococcus epider		t include: B) Streptococo D) Staphyloco	

90.	For recombinant microorganisms, which culturing is NOT preferred						
	A) ContinuousC) Fixed volume fed batch	B) Batch D) Variable volume fed batch					
	C) Tixed volume led batem	b) variable volume led batem					
91.	Micro-organism that does not cause late	nt infection is:					
	A) Mycobacterium tuberculosis	B) varicella-zoster virus					
	C) cytomegalovirus (CMV)	D) hepatitis A					
92.	Which of he following cannot be used to						
	A) identification of Lancefield groups the	ough serology					
	B) phosphatase positivity						
	C) coagulase positivityD) fermentation of mannitol						
	b) Termemation of mainten						
93.	Which of the following is true about tetar	nus acquired through traumatic wound:					
	A) the diagnosis depends on microbial fine						
		s to the anterior horn cells in the spinal cord					
		exotoxin acts on the post-synaptic neurones					
	and prevents impulse transmission.						
	D) the patient should be given antitoxin in	travenously					
94.	Which is false? Hepatitis B virus:						
J***•	A) is a DNA virus	Y .					
	B) the presence of e antigen indicates inci	eased infectivity					
	C) antibody to surface antigen usually app	pears within 2 weeks of infection					
	D) is a recognized cause of liver cancer						
		77 8 89 75 8					
95.	Which drug acts by inhibiting cell wall						
	A) vancomycin	B) gentamicin D) erythromycin					
	C) amphotericin B	D) crythrollychi					
96.	Which is False? The Mantoux test:						
701	A) involves injecting PPD (purified protein derivative) intradermally						
	B) is more sensitive than the tine test						
	C) becomes positive within 3 weeks of ac	quiring tuberculosis					
	D) involves the CD4 cells						
	WWW A R C K C III & A 44 amount of	1 I I					
97.	Which of the following is not attenuated						
	A) polio B) hepatitis A	C) yellow fever D) measles					
98.	Which of the following is NOT true abo	ut culture media for microbes:					
20.	Which of the following is NOT true about culture media for microbes: A) Lowensten-Jensen is used to isolate mycobacteria						
	B) MacConkey agar prevents the growth of Gram negative bacteria						
	C) Sabouraud's culture is useful for culturing fungal infection						
	D) Thayer-Martin's media is used to isola						
99.	The bacterium with the smallest genom						
	A) E,coli	B) H. influenzae					
100	C) Mycoplasma genitalium Which of the following staphylococci is	D) Methanococcus janaschii					
100.	A) S. aureus	B) S. epidermidis					
	C) S. intermedius	D) S. hyicus					
	o, b. intormodius						
	Page 8 of 8	:-21 (Eng)					

KEY C-21							
Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	С	26	В	51	D	76	С
2	В	27	A	52	С	77	D
3	Α	28	А	53	Α	78	D
4	В	29	С	54	С	79	А
5	D	30	Α	55	Α	80	D
6	С	31	В	56	Α	81	В
7	В	32	D	57	В	82	D
8	С	33	В	58	С	83	С
9	D	34	А	59	CO	84	В
10	Α	35	А	60	3 C	85	С
11	В	36	Α	61	Α	86	С
12	В	37	В	62	В	87	D
13	В	38	A	63	В	88	В
14	Α	39	С	64	В	89	Α
15	С	40	А	65	В	90	А
16	В	41	D	66	В	91	D
17	A	42	В	67	D	92	А
18	Α	43	В	68	D	93	D
19	В	44	С	69	С	94	С
20	С	45	D	70	В	95	А
21	D	46	С	71	D	96	С
22	D	47	A	72	Α	97	В
23	В	48	В	73	В	98	В
24	Α	49	D	74	Α	99	С
25	Α	50	А	75	С	100	В

StudySite.org StudySite.org