## **QUESTION BOOKLET AND ANSWER KEY**

For Recruitment Test for the post of SDE Civil/PH

Code-P-1

held on 25.3.2012

## ENGLISH VERSION

1.	'ਸੋਹਲੇ ਗਾਉਂਣਾ' ਮੁਹ		6.5	
	(A) ਨਿੰਦਿਆ ਕਰਨੀ	(B) ਖ਼ੁਸ਼ੀ ਦੇ ਗੀ	ਾਤ ਗਾਉਣ	
	(C) ਸਿਫਤਾਂ ਕਰਨੀਆਂ	(D) ਚੀਕਣਾ		
2.	ਪੰਜਾਬੀ ਧੁਨੀਆਂ ਨੂੰ ਕਿੰ	ਨੀਆਂ ਕਿਸਮਾਂ ਵਿੱਚ ਵੈਫਿ	ਡੂਆ ਜਾਂਦਾ ਹੈ :	ANT GARAGE AND MARKET OF THE CO.
	(A) <b>ਦ</b>	(B) ਤਿੰਨ	(C) ਚਾਰ	(D) ਪੰਜ
3.	'ਮਲਵਈ' ਕੀ ਹੈ :			
J.	(A) ਭਾਸ਼ਾ	(B) ਵਿਆਕਰਣ	(C) ਖੇਤਰ	(D) ਉਪ-ਭਾਸ਼ਾ
4.	ਵਿਸਮਿਕ ਹੁੰਦੇ ਹਨ :			
<b>"T</b> •		ਦੇ ਭਾਵਾਂ ਨੂੰ ਪ੍ਗਟ ਕਰਨ		
	(A) ਜਿਹੜੇ ਕੇਵਲ ਗਮੁੰ	ਦੇ ਭਾਵਾਂ ਨੂੰ ਪ੍ਰਗਟ ਕਰਨ		
	(D) ਜਿਹੜੇ ਖ਼ਢਲੇ ਗੰਮ (C) ਰਿਹੜੇ ਖ਼ਬੀ ਗੰਮ	l, ਹੈਰਾਣੀ ਅਤੇ ਚਿੰਤਾ <i>ਦੇ</i>	ਭਾਵ ਪ੍ਗਟ ਕਰਨ	
	(D) ਜਿਹੜੇ ਚਿੰਤਾ ਦੇ ਹ	ਜੇ ਭਾਵ ਪ੍ਗਟ ਕਰਨ		
5.	ਪੰਜਾਬੀ ਵਿਆਕਰਨ ਅ	ਨੁਸਾਰ 'ਦਾ' ਸ਼ਬਦ ਕੀ ਹੈ		ot ) ebs (A) unsignal (D)
	(A) ਸੰਬੰਧਕ	(B) जॅ <b>नव</b>	(C) ਮਿਸ਼ਰਤ	(D) ਪੜਨਾਂਵ ਵਿਕਤੀ ਕਰਿਕਸਕ ਸੋਹਿਤ
Dino	ctions (Qs. 6-8):- C	hoose the opposite of	the given word:-	
O. 6.	Literal:-			(D) Figurative
2	(A)Illiterate	(B)Lateral	(C) Illiberal	(D) I iguitativo
0.7	Base:-			
Q.1.	(A) Determined	(B) Delectable	(C) Good	(D) Casual
Q.8.	. Morbid:-	(D) Whalesome	(C) Melancholi	c (D)Equivocal
	(A) Solicitous	(B) Wholesome		atamen A
Dire	ections (Qs.9-10) :- (	Choose the correct pr	eposition to be fille	ed in the blanks :-
Q.9	. Rama is anxious	_ his periormance.	(C) for	(D) with
	(A) about	(B) at		
0.1	0. Sania Mirza was k	mocked in the f	first round of the A	ustralian Open.
Q.1	(A) for	(B) off	(C) with	h was (D)out.
44	MSP stands for?			
11.	(A) Minimum	selling Price		um Support Price um Support Price
	(C) Maximum	Selling Price	- H. Historia de Carles	
		of seats reserved for o	children from disac	dvantaged and disability oulsory education" is?
12.	The percentage of	to "Right of Childre	II to Hee ame	oulsory education" is? (D) 22.5%
	(A) 25%	(B) 20%	(C) 30%	(D) 22.5%
	shalprovida			

P-1(Eng) Page 1 of 10

13.	The f	i <b>rst state in</b> Kerala	India to (B)	c <b>onstitut</b> Punjab		nstitutio (C)	on of Lo Orissa			Karnataka
14.	Whic	h of the foll	owing is a	non lun	nimans	. object	9			
	(A)	Sun	(B)	Moon			CFL	(I	))	tube light
15.	Whic (A)	h of the foll HDFC	owing is r (B)	ot the n		fa banl (C)	ing org IDBI	anisation' (E		ICICI
16.	What	is a closed	circuit?							
	(A)	a circuit in	which cu	rrent can	not flo	W	(B)	an electri	c cel	1
	(C)	a torch bul	lb		(D)	a circı	uit in wh	ich curren	t can	ıflow
17.	A bar	magnet wh	ien suspei	nded fre	ely alv	vays poi	ints in tl	ie?		
	(A)	East west			(B)		south di			
	(C)	vertically i	upwards		(D)	vertic	ally dow	nwards		
18.	The F	Halley's con	et can be	seen aft	er eve	ľV	year	'S.		
200	(A)	76	(B)	72		(C)	66	Œ	))	86
19.	The n	residential	system of	'governi	nent is	s charac	eterized	by?		
17.	(A)	adult franc		50.01	(B)	execu	tive			
	(C)	legislature			(D)			owers		
	( )				( )					
20.	FIR s	tands for?				7				
	(A)	First Infor	mation Re	port	(B)	Forma	al Intima	tion Repo	rt	
	(C)	First Inves		1 E SEE SE VE DE DE COMMENTE	(D)	Forma	al Invest	igation Re	port	
21.	Inter	national Kit	te festival	in India	is hel	d at?				
Ad I. o	(A)	Ahmedaba			(B)		ninagar			
		Porbundar			(D)	Pune				
					70.0					
22.		h country h		first crie		orld cu	p?			
		West Indie	es		(B)	Engla	nd			
	(C)	Australia			(D)	India				
23.	The s	mallest eler	nent of co	mputer	storag	ge is?				
	(A)	byte		-	(B)	bit				
	(C)	pixel			(D)	disk				
24.	Whic	h is the new	ly induct	ed fleet	tanker	to the	Indian n	ıavy?		
20.10	(A)	INS Virat			(B)	INS S	Shakti			
	(C)	INS Kursı			(D)	INS A	Arabia			
25.	What	t is Slinex 2	?							
<b>4</b> J.	(A)	Fastest su		ıter	(B)	India	USA joi	nt Naval e	exerc	ise
	(C)	Satellite la	• 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		(D)			a joint nav		
00		1 <i>E !</i> - 1-	comind or	9						
26.		ary 25 is ob Internation	nal wome	n'e Day		(B)	Nation	nal literacy	/ dav	
	(A) (C)	World pea		u s Day		(D)		nal Voters	-	
	. ,	-								

27.	The fo	urth state	of matter is	referre	d to as	s?				
	(A)	Plasma				(B)	liquid d			
	(C)	Bose-Einst	ein condens	ate		(D)	none of	these		
28.	Which	of the follo	owing const	itutes t	he Ind	ian Pa	arliamen	t?		
 14 2.828.	(A)	Lok Sabha		5.44	(B)	Rajya	Sabha		/ 03/ <u>_</u> #/ji24	20 <u>0</u> 1.4
	(C)	Lok sabha	and Rajya S	abha	(D) Lo	k Sabl	na, Rajya	Sabha a	and Pres	ident
29.	When	a Banker (	alks about	CMA, v	what h	e is ta	lking abo	out?		
22/0	(A)	Credit Mo	nitoring Agr	eement						
	(B)		Monitoring							
	(C)	Company	Managemen	t Accou	ıntant					
	(D)	Commissi	onarate of M	lunicipa	il					
30.	66Tan	Quark" re								
30.	(A)	A latest m			(B)	latest	fundame	ntal par	ticle dis	covered
	(A)	A Hollyw			(D)		per comp			
	(0)	Allonyw	004 711111		(-)		•			
21	(Deen	hology <sup>99</sup> re	fers to the s	tudy of	. 9					
31.		Bio-divers		tuuj 01	(B)	fossi	ls		O	
	(A)	election tr			(D)		an hair	_1		
	(C)	election ti	Chas		(-)			$\mathbf{O}$		
22	(V/oio	o of the nec	ple' is the l	Punch l	ine of?			1 14 14		
32.	(A)	Indian Ex		Q RA CAL	(B)	The	Tribune			
	(C)	Hindustar	times		(D)	Time	es of India	a		
	(C)	Timaastai		s telebergi	111					
33.	Local	l self gover	nment in In	dia was	intro	duced	by?			
<b>33.</b>	(A)	Lord Con	nwallis	721	(B)	Lord	l Ripon			
	(C)	Lord Dall		つ、ノ	(D)	Lord	l canning			
					10-1 (415-06)				James C. A	공료
34.	Whic	h of the fol	llowing is re	sponsil	ble for	the de	epletion (	of Ozon	ie layer'	
J4.	(A)	Carbon d	ioxide		(B)	carb	on mono	XIUC		
	(C)		orocarbons		(D)	ultra	aviolet ray	/S.		
	(0)	nevalos filialiti Gio								
35.	Gree	n house eff	ect is cause	d by hi	gh leve	els of?			. M	
20.	(A)	fog. smol	ke and oxida	nts	(B)	Carl	bon aloxi	de and r	nethane	
	(C)	Carbon d	ioxide		(D)	Carl	bon and a	romatic	hydroca	arbons
	78.00								L seedese	Jacobi Aris, 🔒 🔒 🕯
36.	Thre	e of the fol	lowing four	pairs l	nave sa	ıme re	elation be	tween 1	their ele	ements and
50.	henc	e form a gi	oup. Which	ch one o	does no	ot belo	ong to the	s group		
	(A)	Plenty:	Leptyn		(B)	COV	vaiu.	OWOIAG	Segra	
	(C)	Alwins	: Lwanis		(D)	Exa	ımin : Xa	eimn		
	1. 3.7							and the eight	2 4671 <b>.</b> 29	6
37.	Whi	ch pair of	the Englis	h letter	s shou	uld be	the nex	t in th	e series	of pairs of
57.	lette	rs of Englis	sh alphabet	given b	elow?	BL,	CLIZ' IAI	R, TZ,	171	
	(A)	JR	(B)	KS		(C)	) JS		(D)	KR
								kalaning a c	g. gas-dez	
38.	Who	at should co	ome in plac	e of que	estion 1	mark	(?) in the	followi	ing seri	es?
J0.	A3E		, J12N	k ////iii						
	(A)	F9J	(B)	G9L		(C	) F9K	(D)	none	of these
	(A)	1 / 0	(-)							

P-1(Eng) Page 3 of 10

39.	east of A house. D	's house a 's house is	nd to th	E are staying E are staying to the contraction of t	C's house	e. C's l	house i	s to the		
	(A) So	uth-east	(B)	North east	(C)	East	(D)	none (	of these	
40.	green, gre	en is calle the colou	ed black	ie is called , black is cal an blood? yellow	lled viole	t and vi	iolet is	called o	range, w	led hat
41.		AY is wri	tten as I	мүмүмү,	how will	TAMI	LNAD	U be wi	itten in tl	hat
	<b>code?</b> (A) M1 (C) IA	NUMNUN TIATIAT	<b>I</b> NU	(B) (D)		IATIA ALDAL	D			
42.				door' is wi good' is w						
	(A) pa		(B)	ma	(C)	jo		(D)	ka	
43.		d '934'	, ,	43' means ' 'mangoes a	re ripe,	which	digit 1			
	(A) 9		(B)	4	(C)	5		(D)	7	
44.			s son".	man said, " Whose pho	tograph	was it?				
	(A) his	sown	(B)	his son's	(C)	his fat	her's	(D) hi	s nephew'	S
45.	A and B a related to		ers. C	and D are				brothe	r. How is	<b>B</b>
	(A) fat	her 💙	(B)	brother	(C) gr	andfath	er	(D)	uncle	
46.	Arrange of second	the given	words i	n alphabeti	cal order	and c	hoose	the one	that con	1es
	(A) exp	olosion	(B)	eager	(C)	emerg	ency	(D) e	estacy	
47.	by W but	not imme	diately	n the following	K?	which	are im		ely follow	'ed
	(A) Th	ree	(B)	One	(C)	Two		(D)	four	
48.	Rs.665 wa C's share		among	A, B, and C						t is
	(A) Rs.	.133	(B)	Rs.192	(C)	Rs.240	0	(D)	Rs.360	
49.	Physiolog	y is relat	ed to B	iology in the	e same v	vay as	Metap	hysics i	s related	to
	(A) Philos	ophy	(B) Ma	athematics	(C) Si	tatistics		(D) Pł	ysics	

P-1(Eng) Page 4 of 10

50.	Whic	e of the follow	at does	not belong t	o that gr	oup?		
	(A)	Coriander	(B)	Mustard	(C)	cumin	(D)	Cardamom
51 M	ultime	dia can contaii	1					
JI 114		raphics, animat		leo music an	d voice		V ( ) ( )	
	al Harania Arab	nly numeric-ty						
		umeric, text, an		re data				
		atabases that in			atahases	creating mass	sive data	collection
	ט (ע	atabases that in	turn, c	ontain other d	atabases,	oreating mas.	orvo data	
52 W	hich of	f the following	can he	used as a nri	marv me	emory?		
JA VV		lagnetic Tape	B) R			otical Disk	D) H	ard Disk
	21/11/	iagnetic rape	D) 10		ر د ر	en kalendari	- <b>,</b> Militaria	
53 W	hich of	f the following	onerat	ing system is	available	e in free dom	ain?	
JJ 11		ed Hat Linux		JN Solaris		indows XP	D) M	ac OS
	11) 10	ou Hut Dinux	<i>D</i> ) 5.					
54 Pr	ofessio	nally designed	l model	presentation	s are cal	led		
JTII		nimations				emplates	(D) C	opy runs
	11,71		-, -,					
55 W		f the following						
	A) W	leb Cam	B) So	canner	C) M	ultimedia Pro	jector	D) Mouse
				-: C N/C )	Word 20	07 files :		
56 W		the default fil	e exten B) .d		C).w	ord	D) .rl	f
	A) .d	IOC -	u. (ط	-5	<b>)</b>	<b>7.9</b>	_,	DYA
57 R	nw <b>ina</b> a	and Selling goo	ds over	. Web is know	vn as:			
יעב ו כ	A) E	-commerce	B) M	I-commerce	C) Tı	rading	D) H	yper Market
	,							
58 B	asic pu	rpose of Micro	proces	sor is to:				
	A) st	ore information	n B) pi	rint data C)	compute	data	D) se	nd an e-mail
		San San the contract of the co						
59 P	ortrait	and Landscap	e in Ms	s-Office are	(1) D.	I arrout	D) V	ll of above
	A) P	age Orientation	1 В) Р	aper Size	C) Pa	age Layout	U) A	II of above
(A T	-d one	l Replace utili	hv ie av	ailable in:				
OU I		I Kepiace unii IS-Word	B) N	IS-Excel				l of the above
	<i>A</i> , 11	15-W 01 <b>G</b>	٠, ٠,				zakolim	
61.	Di-c	alcium silicate	in cem	ent				
OI.		Tydrates rapidly			B) G	enerates less	heat of h	ydration
		leacts with water			D) H	ardens rapidl	У	
							den e zastena.	
<b>62.</b>		bricks which	are exte	ensively used	for basic	refractories	in furna	ices are
	A) (	Chrome bricks	B) S	illimarite bric	ks C) M	lagnesite bric	KS D) F	osteric bricks
				a aviginal so	tting tim	e of about		
63.		uick setting ce	ment uz R) A	o minutes	C) 1:	5 minutes	D) 5	minutes
	A) 3	0 minutes	D) 4	o minutes	~, 1·		, -	
64.	In h	uilding constr	uction.	the place of i	providing	g damp proo	f course	is at the
V-10	A) E	Basement level	B) V	Vindow sill le	vel C) L	intel level	D) R	loof level
			F	P-1(Eng)	Page 5 of	f <b>10</b>		

65.	A wall built to resist A) Parapet wall	t the pressure of eart B) Retaining wall	h filling is known as C) Buttress D)	None of the above
66.	The minimum widt A) 30 cm	h of a stair in residen B) 50 cm	tial building is usually C) 75 cm	restricted to D) 85 cm
<b>67.</b>	curvature and refrance A) Fly leveling B) Leveling by equal C) Check leveling	action lizing the distances of	of levelling eliminates backsight and foresight	engen (O. Ostabano)
	D) Precise leveling			
68.	B) Measurement of	se line in triangulation tie lines in translation : check line in translatio	survey survey	bt which is highly till.
69.	The whole circle be A) S 300° 15' F	earing of line is 300 <sup>01</sup> B) S 59 <sup>0</sup> 15' W	s' . Its quadrant bearin C) N 59 <sup>0</sup> 15' W	ng would be D) N 59 <sup>0</sup> 15' E
70.	What is the minin recorded to enable longitude and altitude	e a global positionin	lites required from w g system receiver to	determine latitude,
	A) One	B) Two	C) Three	D) Four
71.	The vertical distant A) Contour line C) Contour gradien		consecutive contours is  B) Contour interval  D) Horizontal equiva	
72.	The branch of s computations, is k	urveying in which	measurements of dis	
	A) Plane tabling C) Tachometric sur		B) Theodolite survey D) Estimating and c	
73.	Which one of the	ne following defects surfacing by loss of	indicates progressiv	e disintegration of
	A) Potholes	B) Revelling	C) Edge breaking	D) Rutting
74.	Overturning of ve A) Transition curve	hicles on a curve can e B) Vertical curve	be avoided by using C) Compound curve	D) Reverse curve
75.	The maximum all A) 1 in 12	owable super elevation B) 1 in 18	on C) 1 in 15	
76.	Sinking fund met A) Depreciation	hod is useful in  B) Obsolescence	C) Liquidation	D) Scrap value
<b>77.</b>	Original cost of p A) Book value	roperty minus depred B) Salvage value	C) Scrap value 12	O) Obsolescence value
		P_1(Fng)		

78.	Generally unit of A) Cu.m.	measurement for pa B) Sq.m	artition wall is C) Running meter	D) Numbers
79.	Which one of the nature?	e following project	management technique	s is deterministic in
	A) CPM	B) PERT	C) GERT	D) LCES
00	The disease and a	o project with resp	ect to normal time is	
80.	A) Minimum	B) Maximum	C) Zero	D) Infinite
81.	For laminar flow roughness is doul A) Remain unchar	bled. In such a case,	g a given discharge, the Danry-Veisbach friction C) Be doubled	ne height of surface n factor will D) Increase fourfold
82.	For medium silt to be	whose average grain	n size is 0.16 mm, lacey	's silt factor is likely
		B) 0.45	C) 0.70	D) 1.32
83.	Mean precipitation	on over an area is be	est obtained from gauge	d amounts by
0 <b>.</b> .	A) Thiessen method	od	B) Linearly interpolat	ted isohyetal method
	C) Arithmetic met		D) Graphically weigh	ted isohyetal method
84.			ne two sides are 0.4 m a	nd 1.4 m. The head
	loss in the jump i A) 1.0 m	B) 0.9 m	C) 0.7 m	D) 0.45 m
85.	digestion as com	lowing are claimed a pared to anaerobic oncentration in superi	as advantageous in resp sludge digestion natant liquor	ect of aerobic sludge
	B) Greater Produc	etion of methane		
	C) Lesser operation		es de la companya de	
	D) None of the ab			
	D) None of the at			
86.	The following da Initial D.O. = 10	ta pertain to a sewa	ge sample:	
	Final D.O. = 2 mg	<b>-</b> /1		
	Dilution to 1%			
	The BOD of the g	riven sample is		
	A) 8 mg/ $l$	B) 800 mg/l	C) 10 mg/l	D) 100 mg/l
07	Uniformity coeff	icient of filter sand	is given by	
87.	A) $D_{50}/D_5$	B) D <sub>50</sub> /D <sub>10</sub>	C) D <sub>60</sub> /D <sub>5</sub>	D) D <sub>60</sub> /D <sub>10</sub>
88.	treating the rive A) Pre sedimenta B) Coagulation C) Coagulation	r water would be tionpre chlorinatio -sedimentationpost	ntationpost chlorination	tation

P-1(Eng) Page 7 of 10

89.	its saturation densit	y and submerged d	ensity would, respecti	
	A) 1.5 g/cc and 1 g/c		B) 2.0 g/cc and 1.0	1 <del></del>
	C) 2.25 g/cc and 1.25	g/cc	D) 2.50 g/cc and 1.	50 g/cc
90.	specific gravity of s	oil grains (G) and the having a void ratio	ne hydraulic gradient of 0.5	tionship between the (i) to initiate 'quick'
	A) $G = 0.5 i + 1$	B) $G = i + 0.5$	C) $G = 1.5 i + 1$	D) $G = 1.5 i - 1$
91.	internal friction of	30°, the active and	l passive lateral eartl	t/m <sup>3</sup> and an angle of pressure intensities
	(in t/m <sup>2</sup> ) at a depth		tively, be	D) 00 - 110
	A) 15 and 5	B) 5 and 45	C) 10 and 20	D) 20 and 10
92.	A sand deposit has hydraulic gradient A) 1.5	a porosity of 1/3 a to cause sand boilin B) 1.25	nd its specific gravity g in the stratum will I C) 1.0	y is 2.5. The critical be D) 0.75
93.	depth of the stronge	est timber beam will	l be	g of diameter D, the
	A) $\frac{\sqrt{1}}{2}$ . D	B) $\frac{\sqrt{2}}{3}$ . D	$C)\frac{\sqrt{5}}{8}$ . D	$D)\frac{\sqrt{3}}{4}. D$
94.	over a pulley of 500	mm diameter. Ass	mm width and 0.5 n suming E=200 GPa, tl	nm thickness runs of he maximum flexural
	stress developed we A) 200 MPa	ould be B) 100 MPa	C) 400 MPa	D) 500 MPa
95.	Two shafts of solid d1 and d2. They energies stored U1/	are subjected to the	e same torque T. Tl	ot for their diameters he ratio of the strain
	A) $\left(\frac{d1}{d2}\right)^4$	B) $\left(\frac{d1}{d2}\right)^2$	C) $\left(\frac{d^2}{d^1}\right)^2$	D) $\left(\frac{d2}{d1}\right)^4$
96.	A cast iron pipe of If the limiting tensi the pipe would be	1 m dia meter is req ile stress of the pipe	uired to with stand a material is 20 MPa,	200 m head of water. then the thickness of
	A) 25 mm	B) 50 mm	C) 75 mm	D) 100 mm
97.	The carbon content A) Less than 0.1%	t of structural steel i B) 0.10 to 0.25%	C) 0.25 to 0.60%	D) 0.60 to 1.00%
98.	A welded filter join A) (fs x L x pss)/3 C) (0.7) x fs x L x p		subjected to a maxin B) fs x L x pss D) 2(fs x L x pss)	num load of
	Where pss = permis fs = fillet size	sible shear stress		

P-1(Eng) Page 8 of 10

99.	The slenderness rat exceed	io of the lacing bar f	for compression memb	er usually does not
	A) 145	B) 100	C) 75	D) 50
100.	A tie takes A) Compressive load	B) Tensile load	C) Torsional load	D) All of the above
101.	The age of tree can A) Cambium layer		C) Modullary rings	D) Heart wood
102.	The burning temper A) $60^{\circ}$ c	rature of asphalt is B) $100^{0}$ c	C) 200 <sup>0</sup> c	D) 250 <sup>0</sup> c
103.	After casting, an or A) Shrinks	dinary cement conci B) Expands	rete on drying C) Remains unchang	ged D) Swells
104.	Durability of cemer A) Addition of cemer C) Vibrations	nt concrete generally	improve by  B) Addition of sand  D) Addition of coars	the language and a control of the aggregates
105.	The behaviour of co	oncrete under instan B) Plastic	taneous load is C) Anelastic	D) Visco-elastic
106.	The cement become xceeds	nes useless for con	creting work when it	s moisture content
	A) 0.5%	B) 1%	C) 2%	D) 5%
107.		atio of the strength	of cement concrete of	7 days to that of 28
	days is A) 0.65	B) 0.85	C) 1.0	D) 1.15
108.		has to be redesigne	d if the shear stress ex	xceeds the allowable
	shear stress by A) 2 times	B) 4 times	C) 6 times	D) 10 times
109.		steel as per I.S. red	commendation in com	pression should not
	exceed A) 0.15%	B) 1.5%	C) 2.5%	D) 4%
110.	For RCC columns	, a column is consid	lered to be short if th	e effective length to
	least side ratio is le A) 12	ss than B) 16	C) 24	D) 30
111.	For one way slab, 1 A) Less than 1.5	the ratio of length & B) More than 1.5	breadth of the slab sl C) Less than 2	hould be D) More than 2
112.	For design purpose A) 10 metres	e, the width of one-w B) 0.1 metres	vay slab is always take C) 1 metre	n as D) 5 metres

P-1(Eng) Page 9 of 10

115.	The colour of water	r is measured on		
	A) Turbidity scale	B) Silica scale	C) Platinum cobalt scale	D) Threshold scale
114.	The first stage in w	ater treatment is		
	A) Sedimentation	B) Filtration	C) Disinfection	D) Coagulation
115.	The removal of diss	solved organic mat	ter occurs in	
• /	A) Slow sand filter	B) Trickling filter	r C) Rapid sand filter	D) Duel media filter
116.	The presence of ozo	one in water is indi	cated by	
	A) Red colour		B) Light yellow cold	our
	C) Blue colour		D) Black colour	
117.	PH value of fresh so	ewage is expected t	to be	
	1 (A)	B) 3.5	C) 7	D) 8 to 11
118.	Activated carbon ca	an be obtained fro	med kaliangan agawa ka	
	A) Lignite	B) Wood	C) Peat D) A	ny of the above
119.	Main gas from land	l-fill area is		
11/.	A) Oxygen	B) Nitrogen	C) Carbon monoxide	e D) Methane
120.	The coagulant wide	ely used for sewage	treatment is	
	A) Ferric chloride		C) Alum	D) Ferric sulphate

人性性力 (在) 口光性如射,用了、腰轮 计口声中静度设施 种物门门 识别、加纳维尔心理 经流程通信 医缺乏

			· · · · · · · · · · · · · · · · · · ·		KEY	P-1					
Q	Α	Q	А	Q	А	Q	Α	Q	Α	Q	Α
1	С	21	А	41	Α	61	В	81	С	101	В
2	Α	22	В	42	В	62	С	82	С	102	D
3	D	23	В	43	Α	63	D	83	В	103	Α
4	С	24	В	44	В	64	Α	84	D	104	Α
5	А	25	D	45	D	65	В	85	A	105	Α
6	D	26	D	46	D	66	С	86	В	106	D
7	С	27	Α	47	Α	67	В	87	D	107	A
8	В	28	D	48	Α	68	Α	88	Α	108	В
9	А	29	Α	49	A	69	С	89	В	109	D
10	D	30	В	-50	D	70	С	90	С	110	А
11	D	31	Co	51	Α	71	В	91	В	111	D
12	А	32	В	52	В	72	С	92	С	112	C
13	С	33	В	53	Α	73	Α	93	В	113	С
14	В	34	С	54	С	74	Α	94	Α	114	Α
15	В	35	В	55	С	75	В	95	D	115	А
16	D	36	Α	56	В	76	Α	96	В	116	В
17	В	37	В	57	Α	77	Α	97	В	117	D
18	Α	38	D	58	С	78	В	98	С	118	D
19	D	39	А	59	Α	79	А	99	Α	119	D
20	А	40	В	60	D	80	А	100	В	120	Α

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