Question Booklet and Answer-Key Recruitment Test of SDE (Civil), Local Govt. Punjab Held on 29.3.2014.

	wing words :- Slick	establish	and the	iour chorees given, or the		
	A) Clumsy	B) Outrageous	C) Awakened	D) Inaudible		
2.	Truculent A) Defiant	B) Amiable	C) Snobbish	D) Ruthless		
3.	Tenuous A) Visible	B) Brittle	C) Strong	D),Scattered		
	s/phrases used in the	Mark, out of the four gi e following sentences:- v that they were <i>under</i> B) ambitious		ect meaning of the italicized other D) in distress		
5.	It is clear that <i>the jury is out</i> on the Kashmir-issue.  A) no decision has yet been reached  B) decision has been reached  C) decision has been affirmed  D) decision has been revoked.					
6.	A) seek support fro	ction to put an end to a		1		
7.	<ul><li>A) criticized Pakis</li><li>B) neutralized Pak</li><li>C) thwarted Pakist</li></ul>	shoot Pakistan's fox or tan for its policies istan's propaganda an's plans by pre-emp an's record of human	ling them	the UN:		
	s of the following se			options, to be filled in the all brilliance.  D) with		
9.	Heedlessmy t A) of	imely advice, Hari is s B) for	ure to court disaster so C) with	oon. D) about		
10.	One should not be A) about	covetous others' r B) of	iches. C) with	D) for		
11.	The element comm A) carbon	non to all acids is B) hydrogen	C) oxygen	D) sulphur		
12.	The Saliva helps in		5,			
13.	A) proteins B) fats C) fibres D) starch Uncontrolled industrialisation leads to acid rain. It is mainly contributed by A) Carbon dioxide B) methane gas C) Chlorofluro carbons D) nitrous and sulphur dioxide Which of the following is the science dealing with tumor?					
14. 15.	A) Concology Fertility of soil car A) adding dead ead B) removing dead C) adding living ead	B) Serology  n be improved by  rthworms  earthworms	C) Oncology	D) Chronology		

16.	The East India Company was A) Jahangir	founded in Indi B) Akbar	a during the reign C) Shah ja	
17.	Before the rise of Ranjit Singl A) Maratha commanders	ı, Punjab was u B) raider group	化电影电影电影 化电影线 化双氯化物 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	
18.	Vande Mataram was first sung A) 1886	g at the session ( B) 1892	of the Indian Nati C) 1896	onal Congress in D) 1904
19.	Who was the first Indian to pa A) Dadabhai Naoroji C) Bal Gangadhat Tilak	ss the Indian Ci		anath Banerjee acha
20.	Which of the following is not A) Secularism B) Soci		eamble to the Indi C) Democratic Re	化氯化乙基甲基苯酚 医电影 医克勒特氏病 医克雷氏 医电影 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
21.	The first woman Governor of A) Mrs. Sarojini Naidu C) Mrs. Indira Gandhi	B) Mrs.	ndia was Sucheta Kripalan Vijaya Laxmi Par	
22.	Fiscal Policy is concerned with A) Public revenue C) Bank rate policy	B) Publi	c expenditure and (a) and (b)	debt
23.	When was Consumer Protection A) 1984 B) 1980		(a) passed? (b) 1986	D) 1995
24.	Consider the following taxes 1. Corporation Tax 2. Value Which of these is/are Indirect A) Only 1 B) 2 and		3. Wealth Tax	4. Import Duty D) 1, 2 and 4
25.	National Education Day is obs following leaders is remember A) Dr. Rajendra Prasad C) Dr. Sarvapalli Radhakrishn	ed on this occas E		and .
26.	The book titled '1283' is abou A) David Beckam			h football legend? a D) Lionel Messi
27.	Which day is celebrated as 'Na A) May 11 B) Feb.		ogy Day': C) May 17	D) Sept. 16
28.	Which of the following person A) M.S. Swaminathan B) A	医乳腺素 医乳腺 化氯化物 医电影 医克雷氏病 医电影电影电影电影电影	化氯化物 医电影 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	eace Prize for 2013: Bhatt D) Medha Patekar
29.	Which of the following states (A) Karnataka B) Mal	3.3 C.	ji Trophy 2014: C) Delhi	D) Tamil Nadu
30.	Who among the following has A) Vali Nasr B) Kuldeep Nay	医乳腺素 医大胆管 化电影电影 化二氯化二氯 化二氯化氯 化二氯化二氯化二氯化		rt' )) George Fernandes
31.	'Ship' is related to 'Captain' in A) Reader B) Print		as 'Newspaper' is ') Publisher	related to D) Editor
32.	Choose the word from the give between the two words to the r West: North-East:: South:?	ight of the sign		

33.	Which of the follo G4T, J10R, M2	_	he letter number serie	s given below?
	A) J10R	B) G4T	C) P43N	D) M20P
34.	choose the one wh	ich does not belong to	o the group.	ne relationship. You have to
	A) 22 : 0	B) 24:12	C) 23:5	D) 24 : 18
35.	If TEMPLE is cod A) EKYWI	ed as VHQNIA, how B) EKYQZD	would you code CHUC) EKYPZD	JRCH? D) EKYQWD
36.	si' means 'interest 'that is interesting'	ing book' and 'de ti' in that code languag	means 'that bag'. We?	re' means 'bag is heavy', 'ka 'hich of the following means
	A) ka re na	B) de si re	C) ti po ka	D) ka de re
A 4 A 4 A 4 A 4 A 4 A		9: Read the pattern of	of words/numbers and	I find the missing term from
37.	iven alternatives: XAF, WBG, VCH	LIDI 9		
	AAI, WBO, VCII A) TAJ	B) TEJ	C) JEJ	D) TEK
38.	135, 258, 345, ? A) 430	B) 432	C) 434	D) 436
39.	6, 4, 18, 6, ?, 9			
	A) 32	B) 34	C) 36	D) 38
41.	A) 5√2 km North- C) 45 km South If 'A+B' means the	East at A is the brother of		Bast ,
	'P'? A) M÷N x P	B) N x P ÷ M	C) M + S ÷ R x	
42.				in-law Mahesh. Then how is
4Z.		s lamer Ray is the or sister of Amrita relate		in-law ividicsii. Then now is
	A) Daughter-in-lay	4、 15 G. 15 G. 16 G.	C) Wife	D) Grand-daughter
43.		ow it. Choose the cor		given in that order as one of
	A) ehhfg	B) ggfhe	C) ghgfh	D) egffh
Dire		<b>46:</b> Read the follow	ing information and	answer the questions given
UCIO		. F. G and H are sittin	g in a row facing Noi	th.
	(ii) A is fourth to	the right of E.	Ŭ	
	(iii) H is fourth to			
			are neighbours of B	and E, respectively.
44.	(v) H is next to t What is the positio	he left of A and A is to a control of F2	ine neighbour of B.	
77.	A) Next to the righ		B) Next to the ri	ght of G
	C) Sixth to the righ		D) Between G a	프로그 이 이 이 있는 그리고 하는 사람들은 그리를 보고 있는 것이 되는 것이 되었다. 이 사람들은 사람들이 되었다.

45.	Which of the following statements is not to A) G is the neighbour of H and F C) E is at left end	rue? B) B is next to the ri D) D is next to right	ght of A
46.	Who is/are the neighbour/(s) of D? A) F alone B) C alone	C) B and C	D) None of these
47.	How many squares are there in the followi	ng figure?	
	A) 9 B) 12	C) 16	D) 15
48.	The age of father 10 year ago was thrice the will be twice that of his son. The ratio of the A) 5:2 B) 7:3		years hence, father's age D) 13:4
49.	A painter is given a task to paint a cubic faces of the cube. The details are:  (i) Red face should lie between yellow a (ii) Green face should be adjacent to the (iii) Pink face should lie adjacent to the gi (iv) Brown face should have face down.  (v) Silver and pink faces should lie opporthe face opposite to red is	nd brown faces. silver face. reen face.	ent colours for different
	A) Yellow B) Green	C) Pink	D) Silver
	depicts earning by working in factories and own business:  25  26  27  20	d the circle depicts per	sons earning by running
	Find the number of persons who have atlea	et two courses of earni	na
	A) 19 B) 21	C) 25	D) none of above
51.	The unit of kinematic viscosity is  A) gm/cm-sec <sup>2</sup> B) dyne – sec/cm <sup>2</sup>	C) gm/cm <sup>2</sup> – sec	D) cm <sup>2</sup> /sec
52.	Surface tension of water  A) increases with decrease in temperature		crease in temperature
53.	<ul> <li>C) is independent of temperature</li> <li>A floating body is said to be in a state of state.</li> <li>A) when its metacentric height is zero.</li> <li>B) when the metacentre is above the centre.</li> <li>C) when the metacentre is below the centre.</li> <li>D) only when its centre of gravity is below.</li> </ul>	of gravity of gravity	
54.	The eddy viscosity for turbulent flow is  A) a function of temperature only	B) a physical propert	y of the fluid
55.	C) dependent on the flow Equation of continuity is based on the prince	D) independent of the	
	A) mass B) energy		

56.	Which of the following scale A) 1cm = 50m B) 1:			D) All are same		
57.	The error due to bad ranging A) cumulative; positive		B) cumulative ; ne	gative		
58.	C) compensating  The position of a point can be A) cross staff B) optical s			ntive of negative perpendicular offsets		
59.	The principle of working fro A) plotting becomes easy C) accumulation of errors is	m 'whole t	o part' is used in surveyi B) survey work car	ng because n be completed quickly		
60.	The following bearings were	observed v	while traversing with a co	ompass		
	Line Ford	Bearing	Back Bearing			
		30'	284 <sup>0</sup> 30'			
	$\frac{1}{1}$ BC $\frac{1}{1}$	15'	226 <sup>0</sup> 00'			
		30'	115° 15'			
		15'	357 <sup>0</sup> 15'			
	Which stations were affected	by local at	traction?			
	A) A & B B) B &	è Ċ	C) C & D	D) A & D		
61.	The water utilizable by plant A) gravity water B) cap	s is availab illary wate		form of ter D) chemical water		
62.						
02.	The major resisting force in A) water pressure B) wa	经净 医生物性性 经产品		am D) uplift pressure		
63.	According to Khosla's theor A) zero B) uni		radient in the absence of C) infinity	f a downstream cutoff is  D) very large		
64.	Wetted perimeter of a regime will be	e channel fo	or a discharge of 64 cum	ecs as per Lacey's theory		
	A) 19m B) 381	n	C) 57m	D) 76m		
65.	If 'D' is the depth of scour generally taken as	below ori	ginal bed, then the wid	th of launching apron is		
	A) 1.2 D B) 1.5	D	C) 2.0 D	D) 2.5 D		
66.	Which of the following does	not represe	nt an activity?			
	A) site located					
	C) the office area is being cle		D) the invitations a	re being sent		
67.	Total float for any activity is					
	A) its latest finish time and earliest start time for its successor activity					
	B) its latest start time and earliest start time C) its latest start time and earliest finish time					
	D) its earliest finish time and			activity		
68.	Critical path	carriest sta	it time for its successor.	activity		
<b>0</b> 0.	A) is always longest B) is a	lways short	est (C) may be longest	D) may be shortest		
69.	Slack time in PERT analysis	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	A) can never be greater than zero		B) is always zero fo	B) is always zero for critical activities		
	C) can never be less than zer	网络萨萨特特 化基金铁铁矿 化二氯甲基甲烷二氯甲基	D) is minimum for			
70.	In resource levelling					
	A) total duration of project is		B) total duration of			
	C) uniform demand of resour	eved D) cost of project is	controlled			

71.	A fully saturated soil  A) one phase system		B) two phase syste	m with soil and air	
70	C) two phase system	with soil and water	D) three phase sys	tem	
72.	porosity and voids rat	io respectively are		I mass, then the values of	
		B) 0 and 1.0	C) 0.5 and 1.0	D) 1.0 and 0.5	
73.	1.5 m, specific gravity	2.67 and voids rat	io 0.67 is equal to	sand stratum of thickness	
		B) 1.5 m	C) 2.0 m	D) 3.0 m	
74.	If the permeability of A) Gravel	a soil is 0.8mm/sec B) sand	, the type of soil is C) silt	D) clay	
75.	densest states is			io in the loosest and the	
	불교하는 화를 보다는 걸리다는 것이 하는데	B) 3.5	C) 4.6	D) 3.0	
76.	In which of the follow  A) parallel to grains  C) perpendicular to gr		strength of timber is ma B) 45 <sup>0</sup> to grains D) same in all direc		
77.	The moisture content				
		B) 10 to 12%	C) 15 to 20%	D) 100%	
78.	Which of the followi large dams?  A) Ordinary Portland		able for use in mass o  B) Low heat cemer	concreting works such as a	
	C) Rapid hardening ce		D) Sulphate resistir	ng cement	
79.	Paints with white lead A) woodwork B) ire			D) none of the above	
80.	The maximum total se	ttlement for raft for	andation on clayey soil	s should be limited to	
	法国法国法院的 医克雷氏 化二氯甲基 医二甲基 医克雷氏试验检尿 电流电流电流 医二甲基甲基二甲基二甲基二甲基	B) 25 to 40 mm	C) 40 to 65 mm	D) 65 to 100 mm	
81.	Neoprene is suitable for	or use in			
	<ul><li>A) bearings of bridges</li><li>C) joinery works</li></ul>		B) hard duty rubber D) floors of dance I		
32.	The split tensile stren compressive strength i		concrete when express	sed as a percentage of its	
	A) 10 to 15%	B) 15 to 20%	C) 20 to 25%	D) 25 to 30%	
33.	The wood preservative	creosote' is deriv			
	A) wood or coal		B) acidic cupric chromate		
	C) chromate zinc chlor	ride	D) pentachloropher	ol	
34.	Tensile strength of cor A) direct tension test in B) applying compressi	n UTM			
	C) applying third poin D) applying tensile loa		化氯甲基甲基 医克里克氏试验检尿病 化氯基 医克尔氏病 化二氯基苯甲酯 化二氯甲烷二氢医异唑医异唑医异唑		
35.	High Alumina cement	is produced by fusi	ng together a mixture i	of	
	A) limestone & Bauxit C) limestone, gypsum		B) limestone, bauxi D) limestone, gypsi	te and gypsum ım, bauxite, clay & chalk	

and the second of the contraction of the second of the contraction of

86.	To make one cubic meter of 1:2:4 by volu required is	me concrete, the vo	lume of coarse aggregate
	A) $0.95 \text{ m}^3$ B) $0.85 \text{ m}^3$	C) 0.75 m <sup>3</sup>	D) 0.65 m <sup>3</sup>
87.	Before testing setting time of cement one sh		
	A) soundness B) strength	C) fineness	D) consistency
88.	A splitting tensile test is performed on a cy ultimate load is 'P', then the splitting tensile		D' and length 'L'. If the
89.	Increase in fineness of cement A) reduces the rate of strength development B) increases the rate of strength development C) decreases the rate of strength development D) increases the rate of strength development	nt and reduces the rat nt and increases the l	e of deterioration bleeding of cement
90.	The diagram showing the variation of axial l A) shear force diagram C) thrust diagram	load along the span i B) bending moment D) influence line di	t diagram
91.	A prismatic beam of length I and fixed at b	"我没有我们看一个我的人,我们就是一个我们还是没有,我们还是不是什么,我们就是这个	
	The distance of points of contraflexure from		
	A) 0.207 l B) 0.211 l	C) 0.277 J	D) 0.25 l
92.	Two beams, one of circular x-section and c		tion, have equal areas of
	x-section. If subjected to bending		
	A) circular section is more economical	B) square section is	more economical
	C) both sections are equally strong	D) both sections are	equally stiff
93.	Eulers' formula for a mild steel long col		
94.	A) greater than 80 B) less than 80 If a circular shaft is subjected to a torque maximum bending stress and maximum shear	ne T and bending i	D) greater than 120 noment M, the ratio of
	A) 2M/T B) M/2T	C) M/T	D) 2T/M
95.	Strain energy stored in a member is given by		
		B) 0.5 x strain x vol	ume
		D) 0.5 x stress x stra	
96.	In a strained body, three principal stresses a		
	$\sigma_1 > \sigma_2 > \sigma_3$ . If $\sigma_0$ denoted yield stress, t theory		
	A) $\sigma_1 - \sigma_2 = \sigma_0$ B) $\sigma_1 - \sigma_3 = \sigma_0$	C) $\sigma_2 - \sigma_3 = \sigma_0$	$D) \sigma_{1+} \sigma_{2} = \sigma_{0}$
97.	The degree of static indeterminacy of a pin-j		s given by
		C) 3m+ r -3j	D) $m+r+3j$
	where 'm' is number of unknown member and 'j' is number of joints		
98.	A symmetrical two-hinged parabolic arch w	hen subjected to a u	niformly distributed load
	on the entire horizontal span, is subject to		
	A) radial shear alone	B) normal thrust alo	ne
	C)normal thrust and bending moment D)nor		
99.	A symmetrical parabolic arch of span 20 n supports a uniformly distributed load of 2t.		
	tonnes at each of the springing is	O) 20	
100	A) 8 B) 16	C) 20	D) zero
100.			12
		B) controlling humid	uny

KEY
Post: SDE Civil (29.03.2014, Evening Session)

Q.	Ans.	Q,	Ans.	Q.	Ans.	Q.	Ans.
1	A	26	В	51	D	76	Α
2	В	27	A	52	A	77	В
3	С	28	С	53	В	78	В
4	D	29	A	54	С	79	Α
5	A	30	В	55	A	80	D
6	В	31	D	56	Α	81	Α
7	С	32	A	57	Α	82	Α
8	D	33	A	58	D	83	Α
9	Α	34	D	59	С	84	C
10	В	35	C	60	C	85	Α
11	В	36	D	61	В	86	В
12	D	37	В	62	С	87	D
13	D	38	В	63	C	88	В
14	C	39	D	64	В	89	D
15	С	40	Α	65	В	90	C
16	В	41	D	66	Α	91	В
17	Α	42	D	67	В	92	В
18	С	43	С	68	Α	93	В
19	В	44	Α	69	D	94	Α
20	D	45	D	70	С	95	С
21	Α	46	В	71	C	96	В
22	D	47	В	72	С	97	В
23	C	48	В	73	В	98	В
24	B	49	В	74	В	99	C
25	D	50	С	75	A	100	D