CHANDIGARH HOUSING BOARD POST: JR. DRAFTSMAN (C) Question Booklet & Answer Key 04.02.2023 (MORNING)

1.	Choose the correct Fatuous	t antonym for the given t	anderlined word from	the options that follow:-
	A) Cruel	B) Greedy	C) Rational	D) Quiet
2.	Choose the correct Prudent	t synonym for the given	underlined word from	the options that follow:-
	A) Reckless	B) Fast	C) Furious	D) Wise
3.	Identify the error in He lives on the A) B)	n the underlined parts of upper storey of the C)	the sentence and mark building than his fr D)	
4.	Choose the correct In pursuanceA) of	preposition to be filled i your instruct B) with	in the blank from the o ions, I am writing to th C) for	ptions that follow:- ne Governor about this issue. D) at
5.	To be a dab hand o	the worst possible mann	er B) To be skilled in	
6.	When was Preamb A) 1966	le of Indian Constitution B) 1976	amended? C) 1981	D) 1991
7.	To commercially equals of DOS, the CA) Bureau of New CO) New Space India	GoI has established: Space India	development work of B) Directorate of N D) NewSpace India	
8.	Which is the longer A) Bhupen Hazarik C) Dibang River B	a Setu	B) Bandra-Worli Se D) Mahatma Gandh	ea Link
9.	In 2022 who won F A) P. V. Sindhu	BBC Indian Sportswomer B) Koneru Humpy	of the year 2021 awa C) Mirabai Chanu	
10.	Which of the follow A) e-SwayamPrabh	ving initiatives was most la B) e-Vidya	recently launched? C) e-DIKSHA	D) e-KUMBH
11.	and the same relation	onship holds between the ne missing term from the	two terms to its right.	two terms of the left of '::' One term to the right of '::' is D) ZUPK
12.	left of V; and W is Which of the follow A) There are two fr	s between U and V; Q sitting third right of S the ring is false? Siends between P and W	is sitting between W a	ound a round table and having and T; R is sitting to the third no one between W and Q
	C) P is immediate r	ight of V		e second left of Q

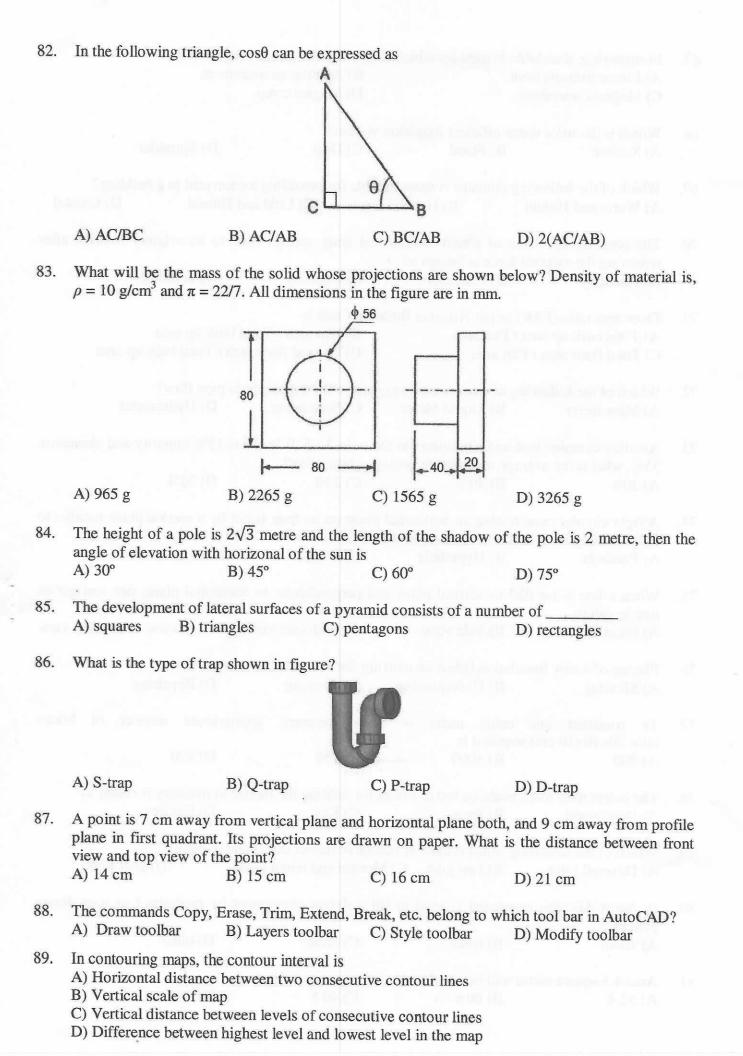
13.	Given that: 'P × Q' means P is th 'P + Q' means P is th	ne mother of Q;	and 'P ÷ Q' means F	e sister of Q; P is the brother of Q
	In the expressions B - A) Granddaughter	$B \times M \div N$, How B) Grandson	w is M related to B? C) Son	D) Granddaughter or Grandson
14.	How many triangles a	are there in the fol	lowing figure?	
	A) 22	B) 18	C) 20	D) 24
15.	A cube of side 4 cm another opposite surf divided into 64 smalle How many cubes hav A) 32	aces and one pair or cubes of side 1	of opposite surface cm each.	oposite surfaces, green on the pair of es is left unpainted. Now the cube is D) 8
16.	At what percent ann years?	nual compound in	iterest rate, a certai	n sum amounts to its 27 times in 3
	A) 100%	B) 150%	C) 75%	D) 200%
17.	For what value of k w $kx + 3y - (k 12x + ky - k)$	-3) = 0	pair of linear equation	ns have infinitely many solutions?
	A) 2	B) 4	C) 6	D) 8
18.	Two vertices of an eq A) 4 sq. units	uilateral triangle a B) √3 sq. units	are origin and (4, 0). C) 4v	What is the area of the triangle? $\sqrt{3}$ sq. units D) $2\sqrt{3}$ sq. units
19.	X is a% more than Y between a and b is: A) 100a < b(100 - a)	and Y is b% les		Y > 0, $Z > 0$ and $X > Z$, the relation 00a > b(100 + a)
	C) $100a > b(100 - a)$			00a < b(100 + a)
20.	In how many different girls are alternate?	nt ways, 5 boys an	nd 5 girls can sit on	a circular table so that the boys and
	A) 2880	B) 2800	C) 2680	D) 2280
21.	In AutoCAD, drawing A) .DWT	g templates are he B) .DWG	ld in files with the fi C) .BMP	le extension: D) .DWR
22.	In the context of Auto is known as	CAD, an input m	ml miz all (III	, and Z value related to a fixed origin
	A) Relative Polar CooC) Absolute Coordina			elative Coordinate System irect Distance

23.	Read the following de X: It does something	scriptions about X harmful to the contour make copies of t	nputer system, but is d	isguised as something useful.
	Y: It is a computer pr	ogram that propaged infecting the ent	ates itself across comp	outers, creating copies of itself in
	Z: It is a computer prowhich need a host property.	ogram designed to	replicate itself by infe to another computer.	ecting other files or system areas
	Identify X, Y, Z.			
	A) X: Virus,	Y: Worm,	Z: Trojan horse.	6.76.50
	B) X: Trojan horse,	Y: Virus,	Z: Worm.	
	C) X: Worm,	Y: Trojan horse		
	D) X: Trojan horse,	Y: Worm,	Z: Virus.	
24.	CAPTCHA. The mos CAPTCHA stands for	st common form o	of CAPTCHA is an i	nt, you may be presented with a mage of several distorted letters.
	A) "Coverage Analysi	s and Planning To	ol for Computers and	Humans Apart."
	B) "Completely Autor	nated Public Turin	ig test to tell Computer	rs and Humans Apart."
	C) "Completely Appli D) "Comparable Addi	ed Parallel Technotional Protected To	ologies for Communication uring test to tell Comp	ation and Hardware Apart." uters and Humans Apart."
25.	Which of the followin	g best describes a	wiki?	25.00
	A) A system that allow	vs users to add info	ormation onto a websit	te but does not change any pre-
	existing informatio	n		ent and structure directly from the
	web browser			
	C) A system that serve D) A system that mon	es as a publically a itors the modificat	ccessible personal jour ion of content within a	rnal for an individual a blog
26.	The large-sized circles	are drawn by		
	A) straight bar	B) big bar	C) small bar	D) lengthening bar
27.	What is used for draw A) small compass	ing non-circular cu B) protractor	rves which can not be C) divider	drawn by compass? D) French curves
28.	In the two sides of a hof the	nexagon are requir	ed to be vertical, the s	tarting point should be on the end
	A) Inclined diameter	В) Vertical diameter	
	C) Horizontal diamete	r D) At the end of diamet	er inclined at 45°
29.	In which of the followle elevation?	owing methods o	f projection system,	top view is drawn below front
	A) fourth angle	B) third angle	C) first angle	D) second angle
30.	When a surface is para			
	A) its size smaller than) its size larger than ac	
	C) its true shape and si	ize D) its true shape but sm	aller size
31.	Surface area of a cube A) 1256 m ³	is 864 m ² . What is B) 1728 m ³	s its volume? C) 256 m ³	D) 2197 m ³
32.	Which method of deve	elopment of surface	es is used in cones and	pyramids?
	A) Parallel line method) Radial line method	L)
	C) Approximate method) Triangulation metho	d

33.	The type of is A) Orthograp C) Pictorial process.	hic proje	ction		erspective projection blique projection	
34.	Which of the	following	g is not a hori	zontal cu	ırve?	
	A) Simple cur		B) Reverse		C) Compound curve	D) Summit curve
35.	One radian an	gle is ea	ual to		et add enad. Magratham - 1	
	A) 60°	igic is eq	B) 57.29°		C) 72°	D) 45.26°
36.	Which of the	following	g is not a com	pression	member?	
	A) rafter		B) boom	Producti	C) tie	D) strut
					,	,
37.	Bricks laid wi	ith length		ce of wa		
	A) Header		B) Closer		C) Stretcher	D) Bond
20	Which bind a	C 1	::	v		
38.	Which kind o	i plaster	is suitable for	X-ray ro	ooms?	D) C : : :: 1
	A) Darium pia	aster	B) Gypsum	piaster	C) Acoustic plaster	D) Granite silicon plaster
39.	Which of the	following	water is che	mically:	as well as bacteriologic	ally nure?
	A) Potable wa		B) Distilled		C) Rain water	D) Ground water
	,		_,	,,	c) Rain water	D) Ground water
40.	Which of the	following	g is used as ba	se in pa	ints?	
	A) Copper		B) Magnesia	_	C) Lead	D) Aluminum
						S. Sammon parious species
41.		mix 1:1.5		e is for w	hich grade of concrete	
	A) M15		B) M20		C) M10	D) M25
40	T		balles square			
42.	Temporary ha A) Sulphates			sed by	D) Ch1: 1 f 1-:	
	C) Nitrates of		111		B) Chlorides of calci	
	C) Tittates of	calcium			D) Carbonates of calc	cium
43.	When steel co	olumn ar	nd beam are	connecte	d by cleat angles on h	ooth sides of beam, then this
	connection is					our sides of beam, then this
	A) Framed co	nnection			B) Seated connection	ollern-district
	C) Rigid conn	ection			D) Flexible connection	
44.	In AutoCAD,					
	A) Grid on/of	f	B) C	opy clip	C) Re-do	D) Drawing circle
45.	Which of the	fallowin	- io tha muin ai:	-1£		
75.	Which of the A) Anaerobic			ole of se	B) Aerobic digestion	
	C) Continuou				D) Aeration system	
	0) 001111111111111111111111111111111111	5 110 11			D) Actation system	
46.	Full form of the	he abbrev	viation WCS i	S		
	A) Wrong coo				B) World coordinate	system
	C) Western co	ordinate	system		D) Web CAD system	
47.	The command	orterm	used for out:	na aarea		
т/.	A) Fillet	or term	B) Chamfer			D) Polyling
	.1) 1 11100		Chamilei		C) Explode	D) Polyline
48.	The internal a	ngle of a				
	A) 30°		B) 22.5°		C) 45°	D) 72°
49.	Load acting p	er unit ar	ea is known a	S.		
	A) Strain		flection		astic modulus	D) Stress
	(6)	,	S KNASSENIA	-,		~, ~~~~

50.	Which of the for A) Decimal	ollowing is not a valid B) Metric	option in <i>Units</i> command? C) Architectural	D) Meter
51.	One of the follo A) 3 Points	owing options is not co B) Tan Tan Radius	overed under Circle command C) Tan Tan Centre	l. Which is that option? D) Tan Tan Tan
52.	If the radius of A) half	a sphere is made half, B) double	then its surface area will become. C) one-third	ome D) one-fourth
53.	The distance be A) 6	etween two points with B) 7	coordinates (3,0) and (0,4) w C) 5	vill be D) 16
54.	Survey which of A) Cadastral survey C) Engineering	rvey	B) Topographic survey D) Hydrographical survey	
55.	If a draftsman then the distance A) 0.25 m	can plot a distance as se of the field can be n B) 0.025 m	small as 0.25 mm, and the seneasured to the nearest: C) 2.5 m	cale of plotting is 1 in 10,000 D) 25.0 m
56.	Stopping sight		overtaking sight distan	
57.	A) equal to Minimum pack	B) less than ing space provided be	C) more than	D) inversely proportional
	A) 250 to 300 r		0 mm C) 350 to 400 mm	D) 400 to 450 mm
58.	What is the edg A) cleat	ge of roof running betw B) verge	veen the eaves and ridge called C) purlin	d? D) template
59.	Generally, the of A) trapezium	eross-section of a grav B) rectangle	ity dam has the shape: C) square	D) parallelogram
60.	The top of grou A) Sub-grade	and on which the found B) Sole	dation of road rests is called C) Base	D) Wearing coat
61.	Just below the l A) Pith	oark in timber which p B) Sap wood		D) Lumber
62.	The function of A) Filler	coarse aggregate in c B) Binding m	oncrete is to act as naterial C) Catalyst	D) Admixture
63.	Which is the material A) limestone	ajor component in cen B) silica	nent manufacturing? C) gypsum	D) fly ash
64.	Which instrume A) Plotting scal	ent is used to plot offse e B) Compass	ets on F-line? C) Bit scale	D) Protractor
65.	An obtuse angle A) less than 90°		80° C) more than 90°	D) more than 180°
66.	Which of the fo	ollowing is used to loc erpendicular from a kn	eate the foot of perpendicular own point on survey line?	from an object on survey line
	A) Tape	B) Alidade	C) Cross-staff	D) Chain

79.	A) Dovetail joint		Mortise and tenon join		tt joint
	Which of the follow	ing joints is used in fram	mes of timber doors a	nd windows?	
78.	The indentation man A) Depression	k made on top of bricks B) Frog	s for holding the mort. C) Key	ar in masonry is ca D) Cavity	alled as
	(size 20×10×10 cm) A) 500	B) 1000	C) 750	D) 820	
77.	To construct one	cubic meter of t	orick masonry, app	proximate numbe	er of bricks
76.	Placing of a new for A) Shorting	undation below an exist B) Underpinning	ing foundation is know C) Strutting	wn as D) Repairing	
	true length in A) Front view	B) Side view	C) Both side view		D) Top view
75.	When a line is para	allel to vertical plane a	nd perpendicular to h	norizontal plane, c	one can get its
	A) Parabola	B) Hyperbola	C) Ellipse	D) Circle	
74.	A right circular con	ne resting on horizontal is. The true shape of the	plane on its base is c	eut by a section pl	ane parallel to
	55%, what is the ave A) 30%	erage impurity percenta B) 40%	nge of the alloy? C) 22%	D) 35%	
73.	An alloy contains le	ead and aluminium in th			
72.	Which of the follow A) Manometer	ring devices is used to n B) Liquid Meter	neasure fluid pressure C) Nanometer	in pipe flow? D) Hydrometo	er
	C) Total floor area		D) Ground floor a		area
71.	Floor area ratio (FAA) Total built up are	R) as per National Buil	lding Code is B) Plot area / Tota	al huilt un area	
	A) Plasticity	al force is known as B) Elasticity	C) Ductility	D) Tenacity	
70.	The property by vi	irtue of which a deform	med body springs ba	ck to its original	position after
69.	Which of the follow A) Warm and Humi	ving climates is most su id B) Hot and			lding? D) Coastal
00.	A) Surface	water-efficient irrigation B) Flood	C) Drip	D) Sprinkler	
68.			D) Magnetic dip		
	A) Linear measurerC) Magnetic meridi		B) Angular measu	irement	



	90.	In case of cantilever beams and slabs, the to A) lies above B) lies below C) i	ensile zone	the neutral axis. does not exist above or below		
	91.					
		buildings are known as	government to regu	iate and control construction of		
		A) Area usage rules	B) Buildin	g rules		
		C) Construction valuation code	D) Buildin	9		
-						
10	92.					
ř		A) no change in concrete strength		e in concrete strength		
		C) reduction in concrete strength	D) early se	tting of concrete		
	93.	One hectare-meter (ha-m) is equal to volum	o of			
	75,	A) 1000 m ³ B) 2500 m ³	C) 5000 m^3	D) 10000 m ³		
		D) 2500 III	C) 3000 III	D) 10000 III		
	94.	In residential buildings, Damp proof course	(DPC) is provided at			
		A) between water table and ground level	B) at plinth level			
		C) at ground level	D) at windows sill	level		
	95.	0	r of vehicles can be	accommodated in which of the		
		following parking systems?	~: 1=0 · · ·	4r 0k.		
		A) 90° parking B) 30° parking	C) 45° parking	D) Parallel parking		
	96.	Which of the following methods is most sui	table for correins out	contouring of hills, to suring		
	70.	A) Squares method B) Tacheometric method	od C) Direct method	D) Cross-section method		
		D) Closs-section method				
	97.	Which of the following is not considered wl	nile designing a found	lation?		
		A) Soil organisms	B) Settlement cond			
		C) Bearing capacity of soil	D) Ground water le	evel		
	00	3371 . 1	*			
	98.	What does a series of closely spaced contou				
		A) Ground having uniform slopeC) Curved surface	B) Ground having			
		C) Curved surface	D) Ground having	steep slope		
	99.	Which of the following causes the major los	s of energy in the lon	o nines carrying water supply?		
		A) Friction	B) Gradual contract	etion and enlargement both		
		C) Sudden contraction	D) Sudden enlarge			
	100.	What is the correct sequence of the temporary				
\$.		A) Centering, leveling and setting		B) Leveling, setting and centering		
		C) Setting, centering and leveling	D) Setting,	leveling and centering		

Chandigarh Housing Board
Post: JR. DRAFTSMAN (C)

Answer Key (A-Series): 04.02.2023 (Morning)	Answer	Key	(A-Series)	: 04.02.2023	(Morning)
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Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	An
1	C	26	D	51	C	76	В
2	D	27	D	52	D	77	A
3	D	28	В	53	C	78	В
4	A	29	C	54	В	79	C
5	В	30	C	55	C	80	В
6	В	31	В	56	В	81	D
7	C	32	В	57	В	82	C
8	A	33	C	58	В	83	В
9	C	34	D	59°	A	84	C
10	D	35	В	60	A	85	В
11	C	36	C	61	В	86	С
12	C	37	C	62	A	87	A
13	В	38	A	63	A	88	D
14	A	39	В	64	C	89	C
15	В	40	C	65	C	90	A
16	D	41	В	66	C	91	D
17	C	42	D	67	В	92	С
18	C	43	A	68	C	93	D
19	В	44	В	69	В	94	В
20	A	45	A	70	В	. 95	A
21	A	46	В	71	C	96	В
22	C	47	В	72	A	97	A
23	D	48	C	73	В	98	D
24	В	49	D	74	D	99	A
25	В	50	D	75	С	100	С