RRB Secunderabad Junior Engineers Exam http://ajourneywithtime.weehly.com/Papers (Held on 14-12-2014) http://ajourneywithtime.weebly.com/

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						store Jvoti	S Waston .		
1.	I	Arun is Ch	etna's son, C	chetna and Ka	vita are s	Stere, 30		da of Arun	
d."		te son of ayo	u, men		(B)/	m along me	ternal was	10.00	
	11 1		nd Arun are		(D)	Parth is ma	ternal und	ele of Kavita	
	(() Kavita	is Arun's gr	indinocaci					
2.	Fi	nd the next , 100, 200, 3	number in t	he series :					
				510	(C)	400	(D)	420	
	(23)	430	(B)	510					
3		eridi. Kalangan perbes	na menteratika di Androni			woular nath	completes	3/4th of the circ	ke
3.)	A)	nan is tacin d takes a rie	g North. He ht turn. Wh	starts walki iich direction	ng on a ci is he facir	ig now?			
	(A)	7.5 h		/ West	(C)	North	(D)	South	
							-		_
ก	In:	e certain co	le MONKEY	Y is coded as Y	XD.IMNL	How would	the TIGE	R be coded?	
	(A)		(B)	UJHFS	(C)	QDFHS.	(D)	SHFDQ	
ţ.									
1 j	Fire	d the much		and the same					*
	25	a the numb , 3, 5, 8, 13,	er that will	replace the —					
	(A)	20	(B)	21	(C)	22`	(D)	23	
	How	many cube	es are there	in the figure?	^				
				2	XX	\rangle			
				V		2			
	(A)	6	(B)	8	(C)	9	/(D)	10	
	Ram	esh goes 4	km South	then 8 km W	lost thou	6 l- N .			
	1 km	South, Hov	w far is Ran	nesh from the	est, then	noint?	n, then 8	km East and tl	nen
	(A)	2 km		1 km	(C)	0 km	(D)	, r	
			*-	5.5	(0)	U KIII	(D)	8 km	
	· · ·	7.1		77,				o)	
	Grim	e is related	to Court	in the same v	vay as 'D	isease' is rel	ated to		
	(A)	Doctor	(B)	Hospital /	(C)	Medicine	(D)	Punishment	
	Two	tangents ar What is th	e drawn to e distance	a circle of a between the	radius 10	cm. The ta	ingents a	re parallel to e	ach
	(A)	10 cm	(B)	20 cm /	-no tange	mis!			
	The second second	PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	(4.7)	WWW CILL	11 11	10 10		PROPERTY A PARTY	

20 cm /

(B)

(C) $10\sqrt{2}$ cm

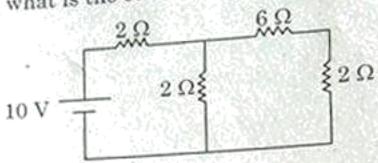
(D) 10√3 cm

10.	1	Cell wall	(a) Animal cell		
			(b) Plant cell /		
	2.	ATP	(a) Mitochondria		
	L		(b) Genes		4
	(A)	1-(a), 2-((a) (B) 1-(a), 2-(b)	(C) / 1-(b), 2-(a) (D) 1-(b), 2-	(b)
11.	Syna	ipses and D	endrites are associated v	vith	. , v
	(A)	cortex		(B) epithelium	
	(C)	retina		(D) nerve-cells	
10	Atis	sue that co	nnects muscle to bones in	n humane is called	
12.	(A)	Tendon	(B) Fibre	(C) Axon . (D) Femur	
13.)	The	human pop	ulation of globe is appro-	ximately	
	(A)	500 milli		(B) 600 million	
	(C)	6 billion		(D) 7 billion	
14.	Hem	atology is t	he study related to		
	(A)		roduction system	(B) / Blood	
	(C)	Food hab	its of animals	(D) Bones	
	110		llowing is not a food born	ne disease?	
9		Amoebia:		(B) Cholera	
	(A) (C)	Influenza		(D) Hepatitis A	
		1.0			
6)			aryons are al chemicals	(B) Types of subatomic particl	es
	(A) (C)	Alkalies	Il Chemicais	(D) Cyclotrons	
7.	A phe	eromone se	ecreted by an animal	ale of same energies	
	(A) /	influence	s the behaviour of anin	iais of same species	
	(B)	protects	it from predators		
	(C)		the victims for its food		
	(D)	none of t	he above		

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- 18. The formula $R = \frac{R_1 R_2}{R_1 + R_2}$ represents
 - (A) series connection
 - (C) bridge connection

- (B) parallel connection
- (D) linear connection
- 19. In the circuit given below, what is the current flowing in the 6 Ω resistance?



- (A) 0.22 A
- (B) 0.55 A
- (C) 2.22 A
- (D) 2.775 A

- 20. A transformer core is made of laminations
 - (A) to increase the electrical conductivity of the core
 - (B) to increase the permeability of the core
 - (C) to reduce eddy currents/
 - (D) to increase eddy currents and improve efficiency
- Domestic supply of electricity in India is 220 V AC. 220 V refers to the
 the voltage.
 - (A) rms value /

(B) peak value

(C) mean value

- (D) minimum value
- 22. In a given AC circuit there is a phase difference of $\pi/2$ between current and voltage. When the current is at its peak voltage is zero. The circuit is
 - (A) resistive

(B) / inductive

(C) capacitive

- (D) can't say
- 23. An unknown DC voltage is to be measured. Which measuring range in the multimete will you select first?
 - (A) 500 V
- (B) 50 V
- (C) 5 V
- (D) 0.5 V

- (24) The earth conductor provides a path to ground for
 - (A) circuit current/

(B) × leakage current

(C) over current

(D) high voltage

65)	Distance betwe	een two build	dings is 10	00 m. A sur	vev	or is standing at a	distance of	40 m
	from the taner	uilding on uilding is 1.	a line join 5 times th	ing them. If	th	e angle of elevation a ation of the smaller	measured by	y him
	(A) 45.3 m		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(B)	4	5.67 m		
	(C) 46.22 m		-	(D)	Ι	ata insufficient	A A O	1
							10	0
26.	A galvanomete	r is converte	d to a volt	meter by				
		high resista			ga	lvanometer		
						alvanometer		
	(C) increasing	ng the numb	er of wind	lings of galv	and	ometer coil		
	(D) decreasi	ng the numb	er of wind	lings of the	gal	vanometer coil		
27.	A dynamomete	r is an equip	ment use	d to measur	re			
		and voltage						E Distriction
	(B) dynamic	loads over	yclic time	s				
	(C) fatigue p	ropagation	due to dy	namic loads				
	(D) / torque a	nd power of	an engine					
68)	Interferometer	s are used fo	or measur	ement of	9			
	A CONTRACTOR OF THE PARTY OF TH	in life cycle	AND DESCRIPTION OF THE PERSON		iati	on		
	(B) effect of machine	interferen	ce of we	aring of or	ne i	mechanical compo	nent, on t	he whole
	(C) measure	ment of ver	y small di	splacement	ts a	nd surface irregula	rities	
		l analysis of						
			n.					
2	C. L stou io	nead by						
29/	Sclerometer is			(1	3)	Civil Engineering	Surveyors	
	(A) Astrono	mers			0)	Metallurgists		
	(C) Doctors					1 6 7		
30.	The word 'Brin	ell' is associ	iated with	1				
	(A) soil testi	ing			B)	tensile testing		
		s testing /			D)	testing of season	ing of wood	1
		footprint?						
31.	What is carbon	of radioact	ivity from	n a fossil				
MIN .		tal imn	act becau	se of used o	cell	s and batteries		
	(B) environi	mental imp	ouse gas	emissions	by	organization, indiv	ridual etc.	
	(C) total set	s of green f	entant in	the organi	0.00	ompounds		
	(C) total set	of carbon co	oncent in	ene or gam		United Section		

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	If cir	cumfer	ence of a	circle i	s increased by 1	0%, the	area of the circ	de will i	ncrease by
41.	(A)	5%			10%	(C)	20%	(D) . 2	21%
						3 - 15 - 1			
		مدنداد در	d above	i tasaa aka	r Argunda en dinasan.	nanda tida	o a wina Out	of the f	ollowing, which
42.	A cy	nnarica meter c	u snapeo an be ass	ı metai sumed	piece is converto remain the sa	rted in	to a wife. Out		
		volun		sum a	to remain the se		cross-section a	rea	P
	(A)						diameter		es
	(C)	lengtl				(1))	diameter		
									art of 50 plani
0	What	is the	probabil	ity of g	etting 3 aces if	three c			
	(4)	· 52³		(B)	$\frac{1}{52^3}$	(C)	1	(D)	$\frac{4 \times 3 \times 2}{52 \times 51 \times 50}$
	(A)	02		(1)	52^{3}	(0)	52!		52 × 51 × 50
		X							
1	Ina	class of	40 stud	ents, 2	5 are sports pe	rsons a	nd 25 are mat	hematic	ians. What is
	proba	bility t	that the	monito	r of the class is	both a	sports person a	nd a ma	itnematician:
	(A)	1		(B)	1	(C)	1	(D)	$\frac{1}{70}$
	(2.4)	40		(B)	25		4		50
			tamen and the						
45.	Sum	of two	numbers	is 15 a	and sum of their	r recipr	ocals is $15/56$.	The two	numbers are
	(A)	4, 11		(B)	5, 10	(C)	6, 9	(D)	7,8
	(/								
6						2	+ 1 = 0 then	1 1	is
46.)	If α ,	B are	the roots	of qua	dratic equation		+1-0, then	αβ	
						(B)	1		
	(A) (C)	-1			at the same of the same	(D)	None of thes	e	2537
	(C)	0				(2)			1
		_							
17)	Value	of V6	+ $\sqrt{6}$ + $$	6 +	is				A Comment
	(A)	5		(B)	-2	(C)	3	(D)	4
	1	2							S. Carlotte

- If a, b, c, d, e and f are in arithmetic progression, then e-c is equal to (A) 2(b-a) (B) c-b (C) 2(f-d) (D) 2(d-b)

- In coordinate geometry, distance of the point (-4, 3) from origin is
 - 3 (A)

(B)

- (C) 5 / (D) 25

- A class of compounds which are used as fragrances when molecular weight is low and are naturally occurring fats when molecular weight is high in the series, is called 50.

amino acids (A)

(D) organic acids

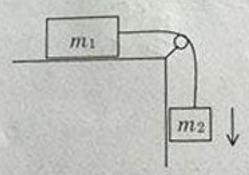
- If the mass of sun, earth and distance between them is respectively M, m and r; work done by the sun's gravity on earth for one revolution round the sun is 51.
 - (A)/ zero

- (B) $\frac{GMm}{r^2}$ (C) $\frac{GM.m}{r}.2\pi$ (D) $\frac{GMm}{r^2}.2\pi$
- The choke of a tube light works on the principle of
 - bi-metallic (A)

capacitance (B)

inductance ((C)

- ionization (D)
- In the figure below, what is the acceleration of body with mass m_2 , given g is the 53. acceleration due to gravity (assume pulley and surfaces are smooth)



- (A)
- $\frac{m_1 + m_2}{m_1} g$
- (D) $\frac{m_2}{m_1 + m_2} \cdot g$

- Which of the following statements is correct?
 - (A) / Speed of light in vacuum is 3 × 108 m/s
 - Speed of light is different for different colours (B)
 - Speed of light is different in different media (C)
 - All of the above? (D)
- In Heisenberg's Uncertainity principle, the uncertainity of momentum and position of a 55.
 - reduced using smaller wavelength of probing light (A)
 - reduced using larger wavelength of probing light (B)
 - (C)
 - reduced using high energy probe particles accelerated by cyclotron (D) can't be reduced as it is fundamentally inherent

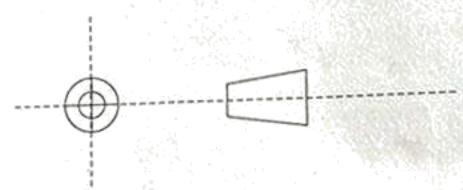
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5	66. A f (A) (C)		eted in	— in the (B)— (D)	series, live parallel, live	- conductor.
(5)	Equ	upment earthing giv	es protection aga	inst		
	(A)	voltage fluctuation	n	(B)	overloading	
	(C)	electric shocks		(D)		ture of conductors
58	A ge	nerator is rated 2 F	W 200 V D.C. It	can suppl	y load current	of
	(A)	7414141	B) 100 A		10 A	(D) 4 A
59.	The	term PCB stands fo	or			
	(A)	Polyethylene Car	d Board	(B)-	Printed Circ	uit Board
	(C)	Printed Card Boa	rd	(D)	Polythene C	
60.	Color	bands for 1.5 ohm	s resistor will be			
	(A)	Brown, Green, Br		(B)	Brown Gree	en, Golden
	(C)	Brown, Golden, C		(D)	Brown, Gold	
				(D)	Diown, Gon	8
61.	A free	quency tuning elect	tronic circuit wo	uld consis	st of	
	(A)	an inductor and a	capacitor	(B)	an inductor	and a resistor
	(C)	two inductors		(D)	two capacit	ors
62.	Main	element of a filter	circuit that redu	ices the	A.C. compone	nt of the output i
	(A)	resistor			inductor	
	(C)	transformer		(D)	capacitor	
63.	For st	abilizing the gain	of an amplifier			
		positive feedback		(B)	no feedbac	k is used
		negative feedback		(D)	input volta	age is varied
64.		eophonic system re				
	(A)	two separate micr	ophones	(B)	two separ	ate amplifiers
	(C)	two separate spea	kers	(D)	all of the	above

- Which of the following statements is incorrect? 65,
 - Microsoft windows is GUI (A)
 - (B)
 - More than 5000 kB data can be stored in a DVD
 - A 1 TB flash drive can store 2 million files each of size 1 MB (C) .
- How many lines can be said to exist or be drawn in a three dimensional space, which are 66. mutually perpendicular to each other?
 - (A)

(B) / 3

4 (C)

- (D) 8
- A third angle orthographic projection of an object is given below. What is this object? 67.



Triangle (A)

Trapezium

(C) Cone

- (D) Frustrum of a cone
- In an engineering drawing it is written scale 1 cm = 100 m. Which ratio does it 68. correspond to?
 - 1:100(A)

(B) 1:1000

1:10,000 / (C)

- (D) 1:1,00,000
- In machine drawing, a 'sectional view' cut portion is shown by
 - diagonal hatching (A)

dots (B)

(C) cross marks

- (D) red colour
- For complete description of a component, a machine drawing would require minimum 70.
 - (A) 1

(B)

(C) 3/

(D)

71.	Hirakud dam has been built on the rive									
	(A) Cauvery	(B) Mahanadi								
	(C) Krishna	(D) Yamuna								
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72.	Who received the first Nobel prize in Physics in India?									
	(A) Dr. C.V. Raman	(B) Dr. Hargobind Khurana								
	(C) Prof. C.N.R. Rao	(D) Prof. Narlikar								
(f3.)	Which of the following books was banne	ed by all Muslim countries and India?								
0	(A) The Shame Within	(B) Discovery of India								
	(C) Satanic Verses	(D) Beyond Expanse								
74.	IGMDP, in Indian context, is a									
	(A) Management Development Prog	ramme								
	(B) Monetary Policy									
	(C) Missile Programme									
	(D) Marketing Policy in Managemen	nt Studies								
75.	Who is the Secretary General of Unite									
	(A) David Cameron	(B) Stephen Harper								
	(C) Jung Hong-Won	(D)/Ban Ki-Moon								
76.	With reference to water pollution, BO	D means								
	(A) Biochemical Oxygen Dilution	(B) Biochemical Oxygen Demand								
	(C) Bio Organic Dissolutes	(D) Basic Organic Dissolutes								
77.	Approx. percentage of oxygen in Eartl	n's atmosphere is								
	(A) 17% (B) 21%~	(C) 25% (D) 33%								
78.	In the context of genetics, DNA stand	s for								
10.	mear Add	(B) Daily News Analysis								
	A state	(D) Deoxyribo Nucleic Acid								
	(C) Detoxic Neuro Acid									
79.	In the context of Information Techno	logy, OCR means								
	(A) Optical Character Recognition	(B) Octagonal Cyclic Recharge								
	(C) Octadecimal Cyclic Regeneration	ion (D) Optical Character Regeneration								

http://ajourneywithtime.weebly.com/ (80) Number of points on x - axis which are 2 units away from the point (4, 1) are
(A) 0 (D) infini (D) infinite http://ajourneywithtime.weebly.com/ 81 If the ratio of height of tower to its shadow is 1: \(\sqrt{3} \) the angle of elevation of sun is (A) (D) (C) 60° (B) 82. The value of (1+0.1+0.11+0.111) is 1 · (D)3 ° 1.331 (A) L331 1.111 (B) 1.211 (C) 83. When a number is divided by 5, it gives remainder 3. What is the remainder when square of that number is divided by 5? (A) (B) 3 €). 84. Find the value of $67^2 - 33^2$. (A) 3200 (B) 3400 . (C) 3146 (100) (34) . 167+32) (6 3143 If two sides of a triangle are given and an angle not included by the two sides is also 85. given, how many triangles can be drawn at the most? (A) (B) (D) 4 men can complete a piece of work in 5 days. How many men are required to complete 86. 3 times the work in 4 days? (A) (B) 15 (C) (D) 20 Given that log 2 = 0.3 approx, one billion would be approx. 87. (A) (B) (D) In how many different ways can 3 identical white balls and 2 identical red balls be (B) 10 (C) 12 (D) 120 The value of sin2 30" + sin2 60" is 89. 106 (A) 3/2 (B) (0) TSD001214 (D)

24

As the speed of charged particle increases in a cyclotron, (choose True (T) or False (F))

- the particle moves to a larger circle (a)
- there is relativistic change in the mass of the particle (b)
- frequency of the cyclotron has to be adjusted (c)
- (A) F, F, F
- (B) T, T, T (C) T, F, T (D) T, T, F

In a thermodynamic system, a process in which volume remains constant is called 91. process.

- isobaric (A)
- (C) adiabatic

- isometric
- (D) isentropic

Coefficient of performance of a commercially used refrigerator would be close to

- (A) a 40%
- (B) 85%
- (C) 1.5
- (D) 3.5

93. In a thermodynamic system, thermal equilibrium is achieved when two bodies reach

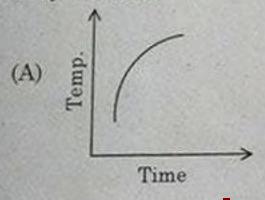
same thermal energy (A)

(B) same entropy

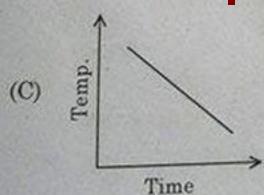
(C) same temperature

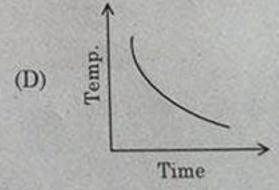
same molecular energy (D)

A hot body follows Newton's law of cooling. Typical temperature-time graph of the cooling body would be



Time

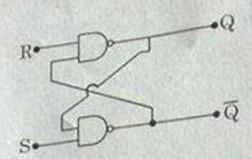




In a multicylinder diesel engine, the cylinders are fired in a particular sequence 95.

- to reduce fuel consumption (A)
- to reduce knocking (B)
- to reduce engine vibrations (C)
- all of the above (D)

Consider the circuit below: 96.



This circuit is called a

- (A) Half adder
- (C) Bit counter

- (B) / Latch
- PIPO device

De Morgan's theorem states that 97.

- (X + Y)' = Y' + X'(A)
- $(X \cdot Y)' = Y' \cdot X'$

- (B) $< (X \cdot Y)' = X' + Y'$ (D) (X + Y)' = X' + Y'

In Boolean algebra $(1+1) \cdot (0+0) = ?$ 98.

- (A)
- (C)
- (D)

Which of the following is not an I/O device of the computer?

Keyboard (A)

(B) Joy stick

(C) ALU (D) /Printer

A bond in a brick work when headers and stretchers are placed in alternate layers is 100. called

Header bond (A)

English bond (B)

Flemish bond (C)

Herring bone bond (D)

Excess silica in cement

- increases the setting time / (A)
- decreases the setting time (B)
- weakens the strength of the cement (C)
- does not affect the setting time (D)

The outer protective layer of a tree is 102.

- cambium layer (B) pitch (A)
- (C) / bark
- (D) sap.

Which lime is most suitable for white washing? 103.

quick lime (A)

(B) stone lime

(C) kankar lime

(D) shell lime

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http://ajourneywithtime.weebly.com/ 14, 23, 20, 12, 11, 15, 24, 17, 9, 21, 25

- (D) 14

tan 90° is undefined. As θ is increased from 89° towards 90°, value of $\tan \theta$ tends to

(A)

- (B) +∞
- (C) 1
- (D) undefined

A man sells his two cars at the same price. In one car he makes a profit of 10%. In other 122 car he loses 10% over the cost price. His total gain or loss percent is

1% loss / (A)

(B) 1% gain

(C) 2% loss

(D) No loss no gain

 $\sqrt{10} = 3.1623$ (approx.). What is the approx. value of $\frac{1}{\sqrt{10}}$?

- (A) 0.333
- (B) 0.3162 (C) 0.3221
- (D) 0.3437

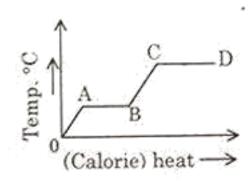
A student was asked to multiply a number by 12. By mistake he multiplied the number 124. by 21 and got the answer 63 more than the correct answer. What is the correct answer?

(A)

(B)

- (C) 7 5

Consider the following graph: 125.



Which portion represents the 'Latent heat of fusion'?

- (A) OA
- (B) _ AB
- BC (C)
- CD(D)

Which of the following does not sublimate? 126.

(A) Ice

(B) Ammonium chloride

Naphthalene (C)

Camphor (D)

Which of the following is a heterogeneous mixture? 127.

> Brass / (A)

Sugar solution in water (B)

Milk (D)

			- 545	11011200000		MESTS:	and the state	ı
			ch part is the petrol a			rect propor	tion what here	
				a one	mixed in con			
	_		the petrol a	tomized al	Cylinder			
12	8: In	Carburetter	ch pare to	(D)	Fuel purity			
	(6)	nlet port		The same of	test	19?		
		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		loaf a	nd coil spring			
129	9. W	hich alloy steel w	ould be used for ma	king lear	Vanadium	, bdonum		
	-ćA	/ Nickel-Chro	me	(D)	Chrome-mo	lybach		
				(1)				
	(41)				nassed	through th	e morten met	gi.
(120) In	aluminium casti	ng hubbles of argon	or nitroger	are po-			
(130	6 110: (V)	to improve s	ganese ng bubbles of argon urface finish of the c	asting				
	1241	co improve s	drogen gas porosity					
	(B)							
	(C)		the inclusions					
	(D)	to mix the al	loy elements					
				L	uging			
131.	Cle	arance between	the mating parts is	measureu	Co manae			
	(A)	Dial gauge		(B)	Go-gauge			
	(C)	No-go gauge		(D)	Feeler gaug	36		
132	In a	milling proces	s, for milling mild	steel, who	at will be a	typical ra	ake angle for	n the
	cutt			Tay 1				
	(A)	.12°	(B) 20°	(C)	28°	(D)	-12°	
		*						
622	Ctat	Turn (T) on Fa	l (P) (* 3	L		A CAN		
133.			lse (F) respectively	*. * . 1 25000 HOURS HOUSE				
	1.	For better ten	sile strength, cast	component	is preferred	l over forg	ed componen	ţ.
ι, .	2.	Quenching of	hot iron component	in water	improves its	malleabil	itv	
	(A)	T, T	(B) F, F	(C)	T, F	(D)		
						(D)	F, T	
134.	Chan	nels, Angles an	d I-section, which a blooms using the pr	are used ir	fabricating		n 31	i. u web
	mant		plooms using the pr	ocess of	reacting	a sned st	ructure fram	G, are
	(A)	casting/		(B)	drow			
	(C)	swaging			drawing			
				(D)	rolling			
135:	Outp	ut of a welding	transformer, compa					
	(A)	high walter	ansiermer, comp	ared with	its innut:			
		high voltage h	igh current	(B)	L: 1			
	(C)	low voltage hig	gh current /		high volta	ge low cur	rent	
TSD00	01214			(D)	low voltag	e low a		
				20		Sou curr	ent	

1000 CO	Electric Co.	A 50 5 7 7 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5			1000 STATE	SECTION VIOLENCE		
(36)) The	rmochemical de	composition	of organic mate	erials	at high tempo	ratures, i	n the absence
	of or	xygen is called						
	(A)	Pyrolysis		(1	3) I	Chermolysis		
	(C)	Caramelizat	ion	0	D) (Catagenesis		
137.	Acid	rain is caused	by presence	of which of the	follo	wing gases in	the atmos	sphere
	(A)	Nitrogen and						
	(B)	/Sulfur dioxid		gen oxide		34,		
	(C)			on-mono-oxide				
	(D)	Ozone and a	rgon					
138.	One	of the main re	ason for dep	letion of ozone	layer	in the Earth	s atmospl	nere is
	(A)	Green house						
	(B)	Colloidal imp	ourities					
	(C)	CFC and hal	ons/					
	(D)	Rockets and	satellite la	unching vehicle	s			
139.	What	t is the value o	of total hard	ness acceptabl	e in p	potable water	as per In	dian Standards?
	(A)	0.3	(B) 3		(C)/		(D)	300
140.	Preve		iter to run-	off and its accu	ımul	ation and dep	osition fo	or re-use on site i
	(A)	rain water c	ollection		(B)	micro-dams		
	(C)	micro-accum			(D)	rain water	harvestir	ıg
41.	The t	erms ALU. Cl	PU. I/O dev	ices pertain to				
		computers -						
	(A)	environment		ring				
	(B)							
	(C)	diesel engine		1 - the second	nvoic	ations		
	(D)	engineering	drawing ar	nd orthogonal	proje	cuons		
42.	Inac	computing dev	rice 'MHz' i	s mentioned i	n the	specification	ns. It refe	ers to
	(A)	size of memo			(B	Speed of c	omputat	ion
	(C)	clock speed			(D) none of th	ne above	

(A)	e grade M25 of concrete would approx. r	efer to	the mix 1:1:2 (D) 1:4:8
(A) (C)	copper and aluminium	(B) (D)	copper and tin aluminium and tin
146. A pi (A) (C)	gment generally used to impart white of graphite copper sulphate /	(B) (D)	n a paint 18 lead zinc
(A) (B) (C) (D)	substratum to prevent uneven distribution of load	nd ructur	may be laid e on a sufficiently large area of the ams on the substratum
(A)	land surveying in which only lir s land surveying engineering survey		chain surveying topographical survey
(A) d	dolite is used for measuring distances surface hardness	(B) (D) /	strength of materials angles
	lines drawn on a map, are the lines ills and depressions	which (B) (D)	pass through same elevation none of the above