1.	"C	ommon Base" c	configuration refers	to the configuration of	a-
	(A)	Rectifier	(B) Transistor	(C) Diode	(D) Inverter
2.	Rac	diation of a blac	k body, in terms of	its temperature follows	
	(A)	Newton's law of cooling	(B) Plank's law	(C) Stefan's law	(D) Einstein Bose equation
3.	Wh	ich of these is N	NOT an Operating	System?	
	(A)	Android	(B) iOS	(C) Linux	(D) Power point
		$\div (2^2)^3$ is equa	al to:		
. `	(A)	2 ²	$(B) 2^{1}$	$(C) 2^{-2}$	(D) 2^{-1}
5.	ma		ould be required for	-	of size 14' x 14' x 14'. How 4' of the same roof height as
	(A)	2	(B) 3	(C). 4	(D) 5
6.	The	e process of 'Up	setting' pertains to		
	(A)	Casting	(B) Forging	(C) Turning	(D) Milling
7.	In	S.I system, unit	of stress is:		
	(A)	kg/cm ²	(B) N	(C) N/m ²	(D) Watt
8.		e heart of the 'M ed-	icrowave oven' tha		we range of radiation is
	(A)	Cyclotron	(B) Oscillotron	(C) Variable frequestion oscillator	uency (D) Magnetron
9.		vernment stipula e unit is:	ates limit of concen		de in ambient air at 50 units.
	(A)	g/cc	(B) mg/litre	$(C) mg/m^3$	$\mu g/m^3$
10.					d he increased his speed by it distance did the man cover
	(A)	80 km	(B) 120 km	(C) 160 km	(D) 210 km
11.	The	e linkage of aton	ns of the same elen	ients into longer chains	is called:
	(A)	Sublimation	(B) Catenation	(C) Affiliation	(D) Linkage
12.	Ell	Vino effect is:			
		· —	low pressure areas in ing in the Pacific Oc	1 /	nados in the eastern coast of
13.	Ave		rerall) of the Earth		
			day (B) 5×10^7		0 to 35% (D) 60 to 65%.
14.	A c	oin is tossed two		casions, the result is he	eads. When the coin is tossed
				$(C) \frac{1}{4} \times \frac{1}{2}$	$(D) \frac{3}{4} \times \frac{1}{2}$
15.	Am	erchant is mixi	ng two qualities of	rice, one which he proc	ures at ₹ 70/Kg and second

74/Kg (C) ₹ 74.6/Kg (D) ₹ 75.4/Kg

at ₹ 40/Kg in the ratio of 7:3 respectively. At what price should he sell the mixture to earn

a profit of 20%?

16.	Value of π (approx. value 3.14) is:		
	(A) Terminating decimal	(B) Recurring decimal	
_	(2) Non-terminating non-repeating decimal	(D) Indeterminate	
17.	The first Indian railway train journey between	en Bombay and Thane	was in the year-
*	(A) 1857 \(\mathbb{B}\) 1853	(C) 1818	(D) 1854
18.	What is the purpose of turbo charging a dies	sel engine?	
	(A) Increase power of engine by burning more fuel		
	(C) Increase exhaust gas temperature to increase thermal efficiency	(D) Increase inlet air so and power to weigh	that engine fuel efficier ht ratio increases
19.	A rectangular garden has an area of 48 sq.m	and perimeter of 28 m	. What is the length of
·m	its diagonal?	(O) 10 F	
	(A) 8 m (B) 10 m	(C) 12.5 m	(D) 14.14 m (approx.)
20.	The famous queen Chand Bibi who fought		
	(A) Berar (B) Ahmad nagar	(C) Golconda	(D) Mysore
21.	Consider the following truth table in Boolea		
		hich of the four option e function	s A, B, C, D represent
		i = xy + xy'?	
	1 0 0 1 1 0	y ·y ·	
4	$(A) A \qquad (B) B$	(C) C	(D) D
22.	The illumination of a beam of light due to so in a fluid, is called:	cattering on collision v	vith particles suspende
	(A) Raman effect (B) Tyndall effect	(C) Snell's effect	(D) Huygens effect
⁴ 23.	A shop reduced the price of an article by 25°. What is the net effect on sales in rupees?	•	
	(A) No change (B) Increase by 5.75%	(C) Decrease by 5.75%	(D) Decrease by 6.25
2.4	A hardened steel file is used for removing m		
A	the files in the increasing order of smoothne		
	(1) Rough file (2) Bastard file (3) Second co	ut file (4) Smooth file	
**	(A) 4, 3, 2, 1 (B) 1, 2, 3, 4	(C) 2, 1, 3, 4	(D) 4, 3, 1, 2
25.		e Parliament acquire th	e right to amend
	Fundamental Rights? (A) 23 rd (B) 24 th	(C) 25 th	(D) 26 th
26.	Intensity of earthquake is measured in -		
	(A) Barometer scale (B) Pyrometer scale	(C) Tachometer scale	(D) Richter scale
	In a car race course, the race starts in North circular path after 5 km. After 3/4 th of the would the cars be running on this straight respectively.	circle the road is straig	ht. In which direction
1			
1 /4	(A) North west (B) South west	(C) South east	(D) Insufficient data
28.	(A) North west (B) South west What is the common between Rockwell, Br		

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29.						er house, the app e wires would be	liance starts almost close to-
		•		1 m/sec		to the second se	(D) None of these
30.	Loud	lness of no	ise is mea	sured in-			
	(A) F	Richter	(B)	Tesla	(0)	Decibels	(D) Hertz
31.				loor upside dow d would be poin		clock. If the mit	nute hand is pointing
	(A) N	North east	(B)	North west	(C)	South east	(D) South west
32.	Air I	ndia's loss	es in previ	ous financial ye	ar were	to the tune of (in	crores of rupees):
	(A) 4		(B)	40	(C)	400	(D) 4000
33.	Raja	Ravi Varm					
	\ /	His struggle gainst the B		Music & Singing	3 (2)	Paintings	(D) Hindu reforms
34.	Mato	ch the follo	wing:		*		
		tectifier ransistor CR	b. Rectifie	lectronics, Motor rs, Wave clipper c ers, Switches		ntrol, Battery charg	ging, Phase control
	(A) 1	-a, 2-c, 3-b	(B)	1-b, 2-a, 3-c	~(C)	1-b, 2-c, 3-a	(D) 1-c, 2-a, 3-b
35.	"Kha	alsa" was f	ounded by	7			
	(A) (Gobin Gobin	d Singh	(B) Guru Ramda	s (C)	Guru Nanak	(D) Guru Arjun Dev
36.		d on the cl mplifiers a		_	he curre	nt voltage charac	teristics of the transistor,
	T 100	Class I, II, II nd IV		Class A, B, C and AB		Class A, B, C and D	(D) Class IA, IB, IIA and IIB
37.				ure measuring is and air pump is			loctor observes the rise
	(A) I	sobar	(B)	Transducer	(6)	Manometer	(D) Mercury column
38.		d". We are			t nozzle	size and filler ro	d size and correct travel
`	(A) (Gas welding	(B)	Arc welding	(C)	Thermit welding	(D) Steam welding
				$V_1I_1 = V_2I_2 \text{ is}$			
	(A) A	impere's lav	v. (B)	Coloumb's law	(e)	Law of energy conservation	(D) Biot Savart's law
40.	Angl	e between	two sides	of a regular poly	ygon ha	ving n vertices is:	
	(A) -	360 n	(B)	$90 + \frac{180}{n}$	(C)	180 n	$(D) 180 - \frac{360}{n}$
41.	No C	Go Ring Ga	uge will h	ave diameter ba	ased on	diameter o	f the component.
		Minimum olerance dia	` '	Maximum tolera diameter	ance (C)	Nominal diameter	r (D) Average diameter
42.	4	building, wirement wo			height	of 10m at the rate	of 1 litre/second. Power
		e 'g' 10 m/	sec ²)		76. NO. W.		
	(A) 1	0 Watts	(B)	100 Watts	(C)	500 Watts	(D) 1 kW

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	43. Wh	ich planet has hot	t turbulent atmosphere	dominated by carb	on-di-oxide?
		Venus	(B) Mars	(C) Jupiter	(D) Neptune
	(A)	rpm		Rotational kinetic en	ergy (D) Distances
	of a	a civil engineering	g project?		g large number of activities (D) d Base Project
	\ /		(B) MS Project	(C) SQL Projects	(1) a Dase I Tojece
		a:b=4:3 and b: 24:21:30	c = 7:9, then $a:b:c(B) 12:15:21$:? (C) 8:6:12	(D) 28:21:27
	(A) (C)	Strain exceeds the	e strain of materials e strength of materials	(D) Strength exceed	the strength of materials eds the strain of materials
	48. In	our house when v	we switch on heavy load alb that was already swi	d appliances, we no itched on. This is d	tice that there is a slight dip ue to-
	. (A)		awn by heavy load	(B) Additional res (D) Resistance of	sistance added to the circuit part of the circuit decreasing to a positive value
	49. Th	ne fidelity of a rad Reproduction of a. f waves	io receiver relates to- (B) Detection of carri waves		
			ojection the axis of a cy (B) A medium dashed line	d (C) A sequence of and short das	of long (D) Dashes of uniform
			(B) Argillaceous	as their main comp (C) Calcareous	onent? (D) Igneous
	(A)	Wool is a bad conductor of hea	the body warm in with (B) Wool is a good at conductor of hea	t (C) Wool increase t body temper	ature body temperature
	53. O	nce 'X' is turned Transistor	ON, even after removing (B) FET	ng the gate voltage, (E) Thyristor	'X' remains ON. 'X' is a: (D) MOSFET
	54. St	tatement A: n coordinate geon	netry, distance between	two points is given	ı by:
		$S = \sqrt{(x_1 - x_2)^2 + 4}$ tatement B: Pytha			
	(C)	Statement A is p Both the statem	ving statements is corrections of the correction	(B) Statement B (D) None of the	
	55. A	A galvanometer(G) measures upto 100 m. volts. What is required	A current. It is to be to be done?	e converted to a voltmeter to
∞	(A	Add 100 Ω resi	stance in series with G ance in parallel with G	(B) Add 1000 S.	2 resistance in series with Gresistance in parallel with G
Page 1	56. I		lined in India after the (B) Buxar	battle of- (C) Talikota	(D) Wandiwash
					TCC001111

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57.	The sum of first n odd i				
*	(A) n^2-1	$3)$ n^2	(C) (1	$(1+1)^2$	(D) $(n-1)^2$
	How many Fundament (A) 7 (I	al Rights are guara: 3) 3	nteed by (C) 5		n of India? (D) 6
	Two bulbs are rated 100 supply, 220 V, the total	power consumed b	y both tl	ne bulbs would b	
	(A) 25 Watts	3) 50 Watts	(C) 1	00 Watts	(D) 200 Watts
		eforestation of their contribution 3) 1, 3, 2	on to glo (C) 3	bal warming. , 1, 2	(D) 2, 1, 3
61.		cessive weight loss	s usually	due to undue co	oncern about body shape
,	is known as: (A) Anorexia nervosa	3) Appetitis	` '	autotrophic	(D) Autotrophic syndrome
62.	In the context of action	of medicines on h	uman bo	dy,match the fo	llowing:
		1. Receptors	a. Catal	ysts	
		2. Enzymes	b. Neur	rologically active	
		3. Tranquilizers	c. Prote	eins	
\	(A) 1-c, 2-a, 3-b	B) 1-a, 2-c, 3-b	(C) 1	-b, 2-a, 3-c	(D) 1-a, 2-b, 3-c
63.	Match the following:				
		1. Magnetic flux o	lensity	a. Tesla	
		2. Self inductance	3	b. Weber	
		3. Magnetic flux		c. Henry	
	(A) 1-b, 2-c, 3-a	B) 1-c, 2-a, 3-b	(C) 1	-a, 2-b, 3-c	(D) 1-a, 2-c, 3-b
64.	Match the following -				
		1. Lysosomes	a. F	owerHouse	
e de la constante de la consta		2. DNA		hromosomes	
		3. Mitochondi	ria C. 5	uicide bags	
	(A) 1-a, 2-c, 3-b	B) 1-c, 2-b, 3-a	(C) 1	b, 2-c, 3-a	(D) 1-c, 2-a, 3-b
65.	"Mahabharata" the ep	ic was written by-			
	(A) Vyasa (B) Kalidasa	(C)	Tulsidasa	(D) Valmiki
66.	$\log_4 5 \times \log_5 6 \times \log_6 7$	is equal to:			
	(A) $\log\left(\frac{7}{4}\right)$	By log ₄ 7	(C)	$\log\left(\frac{4}{7}\right)$	(D) log ₇ 4
67.		lectronic componer B) Induction circuit			(D) All of these

	If a cube is broken into 27 equal cubes, the (A) 3 times (B) 6 times		reased how many times (D) 27 times
69.	Chemical bonding which results in formati	on of molecules from at	oms is basically-
	(A) Nuclear force (B) Short range forces	Electrostatic force	(D) Gravitational force
	Conservation of energy corresponds to whi		
	(A) Zeroth law (B) First law		
71			
/1.	Consider the following orthogonal projection	ons of an object.	
	This object is a-		
	(A) Tetrahedron (B) Conical cylinder	(e) Prism	(D) Trapezium
72.	What is the common property between LiA	11H ₄ , Sodium amalgam	and NaBH ₄ ?
	(A) They are used in removing slag from molten metals	(B) They are used in n	nanufacturing esters
	(C) They are reducing agents	(D) They are coated or	n welding electrodes
73.	Soaps are manufactured by: (A) Reaction of alkalies with glycerol	(B) Reaction of fats w	ith soluble hydroxides
	(C) Reaction of calcium and magnesium ions with dilute sulphuric acid		yl benzene with H ₂ SO ₄
74.	A man drives a car 20 km in the North east direction. In which direction will he have to (A) East (B) West		
75.	A, B and C can do a piece of work in 12, 15 take to finish the work together?	and 20 days respectively	y. How long will they
	(A) 10 days (B) 5 days	(C) 8 days	(D) 12 days
76.	Stomata are located in-		
	(A) Red blood cells (B) Chlorophyll	(C) Stomach	(D) Leaves
77.	The terms Cope, Drag and Core are associ	ated with-	
	(A) Transformers (B) Castings	(C) Laminar flow of liquid	(D) Stellar evolution
78.	Lufthansa Airlines is from which country?		
ر س	(A) USA (B) Malaysia	(C) Germany	(D) Russia
79.	Orthogonal projection of an object shows a X - Y plane and a circle of diameter 10 cm object?		
	(A) 5000 cm^3 (B) $\pi .5^3$	(C) $\frac{\pi.10^3}{4}$	(D) 2500 cm
80.	By what least number should 192,000 be di	ivided so as to become a	perfect cube?
	(A) 2 (B) 5	(C) 3	(D) 7
81.	Who wrote/invented the Linux software?		
<i>/</i>	(A) Microsoft (B) Apple INC	(C) IBM	(D) None of these
82.	River Damoder is called the 'Sorrow of(A) Assam (B) Bengal	(C) Orissa	(D) Uttar Pradesh

83. Currently which 5 year plan is under execution in India? (A) 12th (B) 13th

- $(C) 14^{th}$

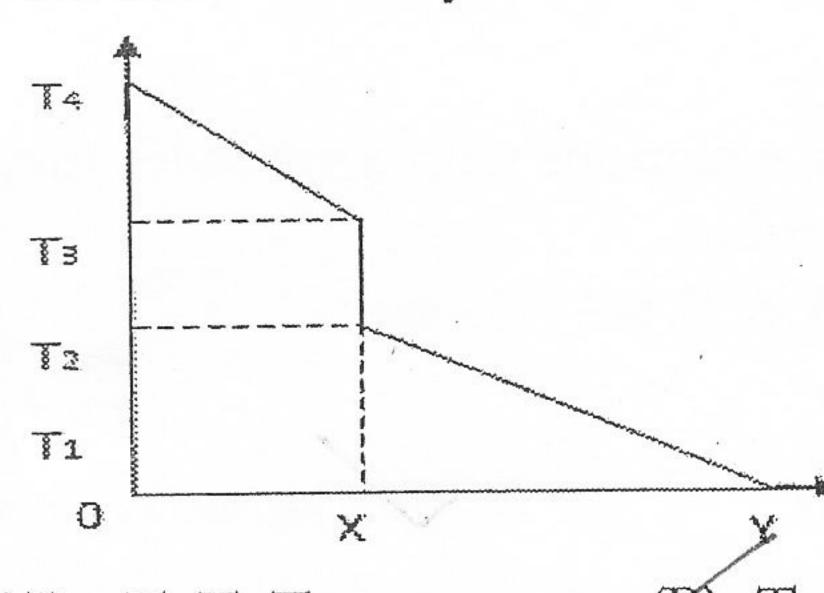
84. Find the next number in the series.

- 33, 34, 32, 35, 31, 36, _____.

 (A) 30 (B) 37

(C) 38

85. Consider that two solid bodies A and B are touching each other and transmitting heat through conduction. In the graph below, OX represents the first body and XY represents the second body.



State True (T) or False(F).

- 1) Temperature gradient is more in A than in B
- 2) The heat flow is determined by Fourier's law
- 3) Area under the curve represents heat dissipation rate.

- T, T, T
- (C) T, F, T
- (D) F, F, T

86. Glycerol can be represented by chemical formula:

- (A) $C_2H_5O_2$
- (B) C_3H_7OH
- (C) C_3H_5OH

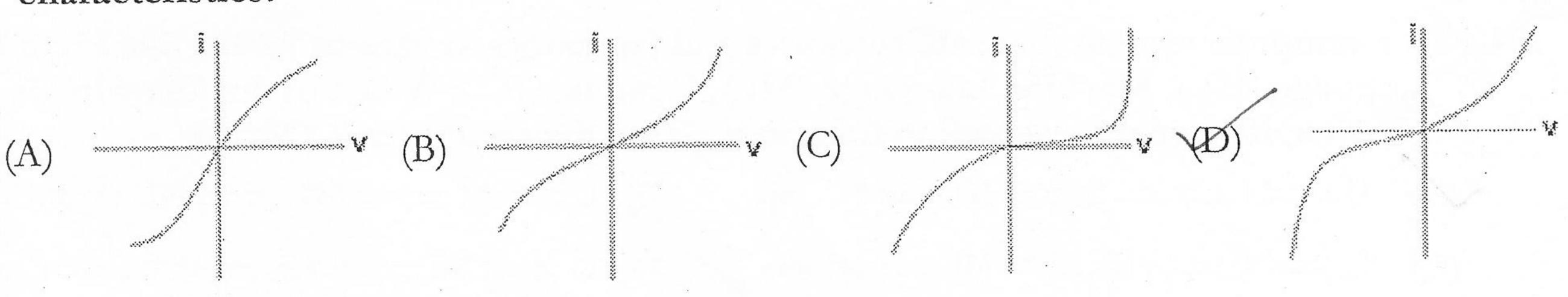
Which of the following is NOT used for measurement of temperature?

- Thermocouples
- Thermistors (B)
- (C) Pyrometers
- (D) All are used

Which of the following is NOT an NGO?

- Amnesty International
- (B) World Watch
- (C) PUCL

Which of the Current (i) - Voltage (v) graphs represents a p-n junction diode characteristics?



Arrange the following fractions in ascending order.

91. An interpretation of the Indian Constitution is based on the spirit of the-

- Fundamental rights (B) Fundamental duties (C) Preamble
- (D) Directive principles

92. Out of the following, which is NOT a type of welding?

(A) AC Arc

(B) DC Arc

MIG

All of these are different types of weldings

93. $\sin^{-1}(\frac{1}{2}) + \tan^{-1}(1) = ?$ (A) 30° (B) 45°

- (A) 30°

- (D) 90°

Strength of commonly used concrete, for constructing low rise residential buildings is:

- (A) 300 psi
- (B) 8000 psi
- (C) 15000 psi
- (D) 25000 psi

95. Approximate quant (A) 2	ity of CO ₂ in the atmosp (B) 20	here in PPM (parts per (C) 200	million) is: (D) 400
96. In a transistor radio,	a variable capacitor in	it that was conventional (B) A bridge rectifier d transistor through (D) A potentiometer w	ly used, would consist of- iode feeding the base of a variable resistance ith variable resisitance
97. Arya samaj was fou (A) Raja Ram Mohan Roy	nded by- n (B) Gopal Krishna Gokhale	(C) Swami Dayanand Saraswati	(D) Anne Besant
98. Which of the follow (A) n linear equation a unique solution (C) Both A & B are	s with n variables may hav	e (B) n linear equations on solution (D) Both A & B are with	with n variables may have
99. In September 2014. (A) Karnataka	which state was affecte (B) Madhya Pradesh	(C) Gujarat	(D) Jammu & Kashmir
100. What is the function (A) Cam and rocker arm	n of push rod in a diesel (B) Connecting rod at piston	l engine? It transfers for nd (C) Crankshaft and piston	(D) None of these
101. In a certain code, Good Luck" is wri	'All The Best" is written tten as 478. In this code (B) 7	as 534; "Best of Luck" "Good" would be writt (C) 6	is written as 675; "The en as: (D) 5
102. Bile is secreted by (A) Stomach	- (B) Liver	(C) Large intestine	(D) Gall bladder
103. Which of the followation	wing phenomenon is relation (B) Evaporation	ated to the formation of (C) Sublimation	clouds? (D) Vulcanization
104. In a computer sys Language (HL), N correct indicative	tem there are softwares a Machine Language (ML) representation from use), Compiler (C). Which	of the following is the
	$2C \longrightarrow ML \longrightarrow Comp$		$L \rightleftharpoons HL \rightleftharpoons Comp$
(C) $U \rightleftharpoons C \rightleftharpoons$	HL==:Comp	(D) $U \rightleftharpoons ML \rightleftharpoons$	$:HL \Longrightarrow C \Longrightarrow Comp$
105. Complete the seri	es logically.		
	F L		
(A) L	(B)	(C) M	(D) R
106. A software user in end result while to (A) Format creator	he document is being cr	ws the user to view som eated is called- (C) WYSIWYG	ething very similar to the (D) WYGIWYS
107. What is morphole (A) Study of insec (C) Study of form		(B) Study of Human (D) Study of interdep	evolution bendence of organisms and

Page 22

environment

organisms

		₹o.					
108.		value of: 0.000	03				
	(A) 12	(B) 3.0333	(C) 3.333		(D) 6.0333	
109.	messages	and splitting	between the no	des, is called-		k using encryptic	
110			B) Onion routin		age routing	(D) Flower routin	1g
LLU.	(A) 100 K		at of water in Ko 3) 273 K				
111		of Carnot cyc		(e) 373 K		(D) 300 K	
		$\frac{Q_1}{+Q_2}$	all prome	$(C) 1 - \frac{1}{T}$	$\frac{T_1}{+T_2}$	(D) $1 - \frac{Q_1}{Q_2}$	
112.	A man said related to l	d to a lady "R Rishi?	ishi's mother is	the only child		". How is the lady	y
\	(A) Mother	(E	3) Sister	(C) Wife		(D) Daughter	
	appnance of	could be a-		or winding, roto or (C) AC ge		(D) Both (B) and (
14.	In the case	of a uniformly gram would	y distributed loa	id on a simply s	upported bea	m, the bending	(0)
		STATE		uniform	load of W/L		
			 1) 2) 3) 4) 				
	(A) 1	B) 2	(C) 3		(D) 4	
15.	(A) They added(C) They ball	d capacitance to y is stored in column dance the induced	to the supply so the sase of breakdow	n capacit engine of (D) They b	banks are stora ors are availab ers in case of fa	le to maintenance	rove
16.	Which of the the plant?	e following ti	ssues transports	s water and min	erals from roc	ots to other parts	of
((A) Phloem	(B)	Vessel	(C) Sieve to	ibe 4	D) Xylem	
7.	Which of the construct the A) OR	e logic of any	gic gates is a un other logic gat AND	niversal gate i.e. e? (e) NAND		ions can be used D) NOT	to
8.	To use an AAA) Inductor	C motor in a. (B)	DC circuit, whi Capacitor	ch equipment w (C) Rectifie	vould be requ	ired additionally? D) Inverter	
9. (-	Plants get w A) Viscosity	ater through	roots because of Elasticity			D) Surface tension	
		3			/	,	7

120.	Who authored the boo	ok "My Experiments v	vith Truth"?	
	(A) Abraham Lincoln		(C) Louis Carol	(D) M.K Gandhi
121.		ases with increase in θ	 (B) Value of cosθ decre (D) Between 0° & 90°, with decrease in θ 	
122.	(A) Tolerances	(B) Mat	contained in engineering terial composition	
	(C) Surface finish		of these are included in en	
123.	In a digital circuit a c pulses that have arriv the blanks respective	ed at its clock input. C	which counts the counts the country as the country	he number of clock heir basic unit. Fill in
	(A) Register, Flip-flop	T	(C) Register, NAND gate	(D) Flip-flop, Toggle
124.	Which of these device computer?	es performs the function	on of both input device	and output device for a
	(A) Joy Stick	(B) Mouse	(e) Modem	(D) Printer
125.	Which of the following Educated and Teach	100000	sents the relationship b	etween Human beings,
	(A) (A)	(B) (C)	(0)	$(D) \left(\begin{array}{c} \\ \\ \end{array} \right)$
126.	The average score of gmarks. If the average (A) 2:5	girls in a class is 75 ma of the class is 68.75 ma (B) 5:2	rks. The average scores arks, what is the ratio of (C) 3:5	of boys in the class is 65 boys to girls in the class (D) 5:3
127.	Consider the following object be:	ng orthogonal projection	ons of an object is and a	nswer what could this
	(A) Circle	(B) Sphere	(C) Ellipse	(D) Spheroid
128.	In a circuit in which rewould be-	esistance, capacitance	and inductance are in	series, the impedance
	(A) $\frac{V}{\sqrt{R^2 + (X_L - X_C)^2}}$	$\sqrt{R^2 + (X_L - X_C)^2}$	(C) $i\sqrt{R^2 + (X_L - X_C)}$	(D) $\frac{1}{\sqrt{R^2 + (X_L - X_C)^2}}$
129		scale 1 cm=1 km. The (B) $1:10^4$	scale is in the ratio: (2) 1:10 ⁵	(D) $1:10^6$
130	If $12a+6b=54$, what if (A) 2.25	is the average of a & bi (B) 4.5	(C) 6	(D) Data insufficient
	prøtocol was adopte	d in:		ce emission targets. This
	(A) Kyoto, Japan (F			
132	A, B & C invest ₹ 26 of ₹ 3500. B's share	in the profit is:		iness. They earn a profit
	(A) ₹ 1200	(B) ₹ 1500	(C) ₹ 1700	(D) ₹ 1900

133.	Complete th ab_ab_b_ab	a_aab				
	(A) bbab	(B)	abaa	(C) aaaa	(D) aaab	
	A person puts 1 grain of rice in the first square of a chess board. In the subsequent squares, he puts twice that of the previous square. How many grains would he need to put on all the squares of the chess board? (A) 64! (B) 2 ⁶⁴ -1 (C) 2 ⁶³ -1 (D) p(64, 2)					
	What is the ratio of angular speed of second's needle and hour's needle of a clock? (A) 1:60 (B) 60:1 (C) 3600:1 (D) 720:1					
136.	In potable w (A) <6µg/l		lved oxygen is sti >6µg/l	pulated as- (C) <6mg/l	(D) > 6 mg/1	
	India's first (A) 1835	- /	· · · · · · · · · · · · · · · · · · ·	Meerut mutiny) was (C) 1892	s in: (D) 1905	
138.	Match the fo	ollowing -				
		1. Nickel	a. Radiator, Wate	rcoolingsystem		
		2. Brass	b. Bearings, Gears	, Propellers		
		3. Bronze		c. Hard, Corrosion resistant and used in plating on steel		
	(A) 1-b, 2-a, 3	3-c (B)	1-a, 2-b, 3-c	(C) 1-c, 2-a, 3-b	(D) 1-a, 2-c, 3-b	
130	Consider foll	lowing contou	#O.			
	Match the fo	llowing a) Hil	1 b) Pond c) Slop			
		3-c (B)	, , , ,	(C) 1-a, 2-c, 3-b	(D) 1-c, 2-b, 3-a	
	-	tem, the unit o	f strain is:			
	(A) cm/kg	` '		(e) no unit	(D) None of these	
			iter is measured i Per Second)	n- (B) MHz of clock		
	(C) Both (A)		i i ci occoma)	(D) None of these		
			hat are commonly	used electrical appli	iances are mainly-	
				(C) Resistive load	(D) None of these	
143.	Acid rain is o	caused by:				
	(A) CO & CO	(B) S	SO ₂ & O ₂	(e) SO ₂ & NO ₂	(D) $NO_2 & O_2$	
144.		t number in th	e series.			
	1, 2, 6, 24, 120 (A) 240	Account to the control of the contro	180	(C) 560	(D) 720	
11						
145.		kness of wall o	•		ion area of the water and e on the wall of the dam	
	(A) A, h & t		A & h	(C) h & t	(D) h	

146. Cash-reserve ratio of	a commercial bank is f	fixed by-	
(A) Ministry of		(C) RBI	(D) Management of the
Finance	Commerce		commercial bank
147. The chemical reaction	n between cement and	water is:	
	(B) Chlorination	(C) Calcination	(D) None of these
148. English Bond, Flemi	ish Bond, Dutch Bond	pertain to-	
(A) Masonry work	(B) Cement bonding	(C) Bonding between	(D) Bonding in
		beams	foundation
149. A tunic fork when so	unded together with ar	other tuning fork of kn	own frequency of
240 Hz, emits 2 beat	s. On loading the tunin	g fork of known freque	ncy the number of beats
heard are one per sec	cond. The frequency of	the tuning fork is:	
(A) 241 Hz	(B) 242 Hz	(C) 239 Hz	(D) 238 Hz
150. Perform the subtract	tion operation of binary	digits 1001 - 10. The res	sult is:
(A) 1010	(B) 101	(C) 100	(B) 111