1.	"C	ommon Base" c	onfiguration refers to	the config	guration of a-	(3	
	(A)	Rectifier	(B) Transistor	(C) D	Diode	(D) Inve	rter
2.	Rad	diation of a blac	k body, in terms of its	s temperaty	ure follows:		
	(A)	Newton's law of cooling	(B) Plank's law	(C) S	tefan's law	(D) Einstequa	tein Bose tion
3.	Wh	ich of these is N	OT an Operating Sy	stem?			
	(A)	Android	(B) iOS	(C) L	inux	(D) Powe	er point
4.	2 ^{2³}	$\div (2^2)^3$ is equal	al to:				
. `	(A)	22	(B) 2^1	(C) 2	-2	(D) 2^{-1}	
5.	ma		air conditioner is recould be required for a room?	100-100 A			
	(A)	2	(B) 3	(C). 4		(D) 5	
6.	The	e process of 'Up	setting' pertains to-				
	(A)	Casting	(B) Forging	(C) T	urning	(D) Millin	ng
7.	In	S.I system, unit	of stress is:				
	(A)	kg/cm^2	(B) N	(C) N	J/m^2	(D) Watt	
8.		e heart of the 'M led-	icrowave oven' that p	oroduces th	ie microwave	e range of radi	ation is
	(A)	Cyclotron	(B) Oscillotron		ariable freque scillator	ncy (D) Magr	netron
9.		vernment stipula e unit is:	ites limit of concentra	ation of sul	phur dioxide	in ambient a	ir at 50 units.
	(A)	g/cc	(B) mg/litre	(C) m	$1g/m^3$	$(D) \mu g/n$	n^3
10.		3	and reaches his desti- have reached in 3 ho				A
	(A)	80 km	(B) 120 km	(C) 10	50 km	(D) 210 k	rm.
11.	The	e linkage of aton	as of the same elemen	nts into lor	iger chains is	called:	
	(A)	Sublimation	(B) Catenation	(C) A	ffiliation	(D) Linka	age
12.		Nino effect is:					
		east Asian region	low pressure areas in sing in the Pacific Ocean	in (D) Su	solation absor	rption dos in the easte	
13.	Ave	rage Albedo (ov	erall) of the Earth is:			*	
550	(A)	5×10^6 candela/c	day (B) $5 \times 10^7 \text{ ca}$	ındela/day	(e) 30 t	o 35% (D)	60 to 65%.
14.			times. On both occasion the probability of ge	7		ls. When the	coin is tossed
	(A)	1	$(B)\frac{1}{2}$	$(C) \frac{1}{4}$	$\frac{1}{2}$	$(D) \frac{3}{4} \times \frac{3}{4}$	1 2
15.	Am	erchant is mixit	ng two qualities of ric	e, one whi	ch he procur	es at ₹ 70/Kg	and second

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

(C) ₹ 74.6/Kg

(D) ₹ 75.4/Kg

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 \(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	(B) Increase the fuel in	ijection and rpm
	(C) Increase exhaust gas temperature to increase thermal efficiency	(D) Increase inlet air so and power to weig	
19.	A rectangular garden has an area of 48 sq.m	and perimeter of 28 m	. What is the length of
	its diagonal?		
	(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.			
		hich of the four option	s A, B, C, D represent
		te function $f' = xy + xy'$?	*
	1 0 0 1 1 0	- Ay Ay .	
	1 1 1 1 0 1		
4	(A) A (B) B	(C) C	(D) D
22.	The illumination of a beam of light due to s 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
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%	6 (D) Decrease by 6.25
24.	A hardened steel file is used for removing me the files in the increasing order of smoothne		ish to metals. Arrange
	(1) Rough file (2) Bastard file (3) Second c		
		(C) 2, 1, 3, 4	(D) 4, 3, 1, 2
25.		e Parliament acquire th	ne 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 r	circle the road is straig	ht. In which direction
			(D) Insufficient data
28.	. What is the common between Rockwell, Br	rinell and Shore? They	pertain to-
	(A) Surface finish (B) Heat treatment	(26)	(D) Hardness

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29.							er house, the apple wires would be	liance starts almost close to-
\	(A)	1 mm/sec		(B)	1 m/sec	(C)	$3 \times 10^8 \text{m/sec}$	(D) None of these
30.	Lo	udness of no	ise is 1	neas	sured in-			
	(A)	Richter		(B)	Tesla	(0)	Decibels	(D) Hertz
31.					oor upside down		'clock. If the mir	ute hand is pointing
	(A)	North east		(B)	North west	(C)	South east	(D) South west
32.	Air	India's loss	es in p	revi	ous financial yea	r were	to the tune of (in	crores of rupees):
	(A)	4		(B)	40	(C)	400	(D) 4000
33.	Ra	ja Ravi Varn						
	(A)	His struggle against the I		(B)	Music & Singing	(C)	Paintings	(D) Hindu reforms
34.	Ma	tch the follo	wing:					
	2	Rectifier Transistor SCR	b. Rec	tifie	ectronics, Motors s, Wave clipper cir rs, 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.	"K	halsa" was f	ounde	d by				
_	(A)	Guru Gobir	nd Singl	a (.	B) Guru Ramdas	(C)	Guru Nanak	(D) Guru Arjun Dev
36.		sed on the camplifiers a				e curre	nt voltage charac	teristics of the transistor
	(A)	Class I, II, I and IV	II .	(B)	Class A, B, C and AB		Class A, B, C and D	(D) Class IA, IB, IIA and IIB
37.			-		ire measuring in and air pump is a		** A	loctor observes the rise
	(A)	Isobar	*	(B)	Transducer	(0)	Manometer	(D) Mercury column
38.		nsure corrected. We are				nozzle	size and filler roo	d size and correct travel
	(A)	Gas welding		(B)	Arc welding	(C)	Thermit welding	(D) Steam welding
39.	Th	e transforme	er equa	tion	$V_1I_1 = V_2I_2$ is the	ne man	ifestation of-	
					Coloumb's law		Law of energy conservation	(D) Biot Savart's law
40.	An	gle between	two sie	des d	of a regular polyg	gon ha	ving n vertices is:	
	(A)	360 n		(B)	$90 + \frac{180}{n}$	(C)	180 n	$(D) 180 - \frac{360}{n}$
41.	No	Go Ring G	auge w	ill h	ave diameter bas	sed on	diameter o	f the component.
	(A)	Minimum tolerance di		(B)	Maximum tolerar diameter	ice (C)	Nominal diameter	(D) Average diameter
42.	req	uirement we	ould be			neight	of 10m at the rate	of 1 litre/second. Power
	(Ta	ake 'g' 10 m	/sec ²)					
	(A)	10 Watts		(B)	100 Watts	(C)	500 Watts	(D) 1 kW

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	43. Which planet has hot turbulent atmosphere dominated by carbon-di-oxide?
	(A) Venus (B) Mars (C) Jupiter (D) Neptune
	44. Tachymeter (or Tacheometer) is an instrument for measuring-
	(A) rpm (B) Torque (C) Rotational kinetic energy (D) Distances
	45. Which of the following software is generally used for managing large number of activities of a civil engineering project?
	(A) MS Eng (B) MS Project (C) SQL Projects (D) d Base Project
	46. If a:b = 4:3 and b:c = 7:9, then a:b:c:? (A) 24:21:30 (B) 12:15:21 (C) 8:6:12
	47. Earthquakes cause damage when- (A) Stress exceeds the strain of materials (C) Strain exceeds the strength of materials (D) Strength exceeds the strain of materials
	48. In our house when we switch on heavy load appliances, we notice that there is a slight dip in the glow of the bulb that was already switched on. This is due to-
	 (A) Heavy current drawn by heavy load (B) Additional resistance added to the circuit (D) Resistance of part of the circuit decreasing from infinity to a positive value
	49. The fidelity of a radio receiver relates to-
	Reproduction of (B) Detection of carrier (C) Tuning of radio (D) None of these waves
	50. In an orthogonal projection the axis of a cylinder or a cone is denoted by-
	(A) A thin line (B) A medium dashed (C) A sequence of long (D) Dashes of uniform and short dashes lengths
	51. Which of these rocks would have alumina as their main component?
	(A) Siliceous (B) Argillaceous (C) Calcareous (D) Igneous
	52. Woolen clothes keep the body warm in winter because- (C) Wool increases (D) Wool decreases
	(a) Wool is a bad (b) Wool is a good (c) Wool is a good (d) Wool is a good (e) Wool is a bad (fine perature (fine perature for conductor of heat (fine perature
	53. Once 'X' is turned ON, even after removing the gate voltage, 'X' remains ON. 'X' is a: (A) Transistor (B) FET (D) MOSFET
	54. Statement A:
	In coordinate geometry, distance between two points is given by:
	$S = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$
	Statement B: Pythagoras theorem
	Which of the following statements is correct?
	(A) Statement A is proved by Statement B (C) Both the statements are independent (B) Statement B is proved by Statement A (D) None of these
	55. A galvanometer(G) measures upto 100 mA current. It is to be converted to a voltmeter to measure upto 100 volts. What is required to be done?
∞	 (A) Add 100 Ω resistance in series with G (B) Add 1000 Ω resistance in series with G (C) Add 1 Ω resistance in parallel with G (D) Add 0.1 Ω resistance in parallel with G
Page 1	
1	(A) Plassey (D) Duxai (C) Lamie (C) Traccool 1114

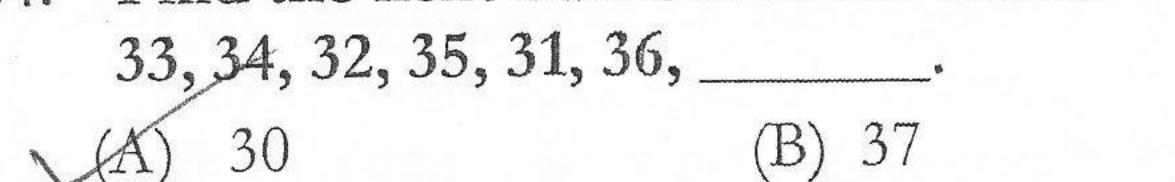
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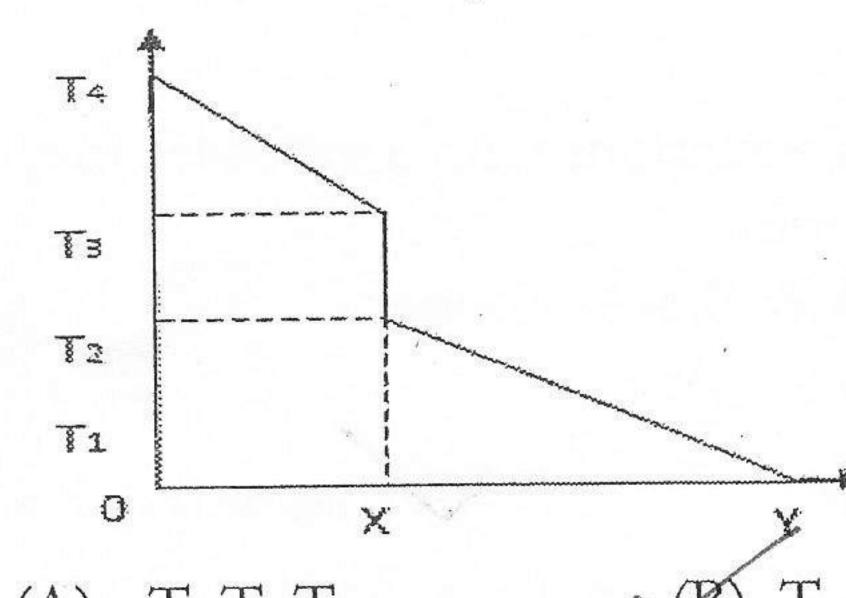
57.	The sum of first n odo	l natural numbers is:			
	(A) n^2-1	(B) n^2	(C) $(1$	$(n+1)^2$	(D) $(n-1)^2$
	How many Fundames (A) 7	ntal Rights are guarar (B) 3	nteed by (C) 5		n of India? (D) 6
59.	Two bulbs are rated 1 supply, 220 V, the total	al power consumed by	y both t	he bulbs would l	oe-
	(A) 25 Watts	(B) 50 Watts	(C) 1	00 Watts	(D) 200 Watts
60.	 CO₂ emissions Change of land use Non-veg food 	deforestation			ire:
	Place them in the ord (A) 1, 2, 3	(B) 1, 3, 2		6, 1, 2	(D) 2, 1, 3
,			usually	due to undue c	oncern about body shape
	(A) Anorexia nervosa	(B) Appetitis	` /	Autotrophic lisorder	(D) Autotrophic syndrome
62.	In the context of action	on of medicines on hu	ıman bo	ody,match the fo	llowing:
		1. Receptors	a. Cata	lysts	
		2. Enzymes	b. Neu	rologically active	
#		3. Tranquilizers	c. Prote	eins	
\	(A) 1-c, 2-a, 3-b	(B) 1-a, 2-c, 3-b	(C) 1	l-b, 2-a, 3-c	(D) 1-a, 2-b, 3-c
63.	Match the following:				
		1. Magnetic flux d	ensity	a. Tesla	
		2. Self inductance		b. Weber	
		3. Wagnetic flux		c. Henry	
	(A) 1-b, 2-c, 3-a	(B) 1-c, 2-a, 3-b	(C) 1	1-a, 2-b, 3-c	(D) 1-a, 2-c, 3-b
64.	Match the following -				
		1. Lysosomes	a. I	PowerHouse	
		2. DNA		Chromosomes	
		3. Mitochondr	ia c. s	Suicide 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 e	epic was written by-			
	(A) Vyasa	(B) Kalidasa	(C)	Tulsidasa	(D) Valmiki
66.	$\log_4 5 \times \log_5 6 \times \log$	7 is equal to:			
	(A) $\log\left(\frac{7}{4}\right)$	(B) log ₄ 7	(C)	$\log\left(\frac{4}{7}\right)$	(D) log ₇ 4
67.	Sensitive low voltage (A) Static charge	electronic componen (B) Induction circuit		rotected from- Lightening	All of these

		If a cube is broken into 27 equal cubes, the (A) 3 times (B) 6 times	total surface area is inc (C) 9 times	reased how many times (D) 27 times
	69.	Chemical bonding which results in formation	on of molecules from at	toms is basically-
	s*.	(A) Nuclear force (B) Short range forces	(2) Electrostatic force	(D) Gravitational force
	70.	Conservation of energy corresponds to which	ch law of thermodynam	ics?
		(A) Zeroth law (B) First law	(C) Second law	(D) Third law
	71.	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	1H 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	
		(C) Reaction of calcium and magnesium ions with dilute sulphuric acid	(D) Reaction of dodec and then NaOH	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 respectivel	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 associa	ated with-	
		(A) Transformers (B) Castings	(C) Laminar flow of liquid	(D) Stellar evolution
	78.	Lufthansa Airlines is from which country?		
		(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?	on the Y-Z plane. What	
		(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 dir	vided so as to become a	a perfect cube?
		(A) 2 (B) 5	(C) 3	(D) 7
	81.	Who wrote/invented the Linux software?		
ý		(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? (B) 13th $(C) 14^{th}$ 84. Find the next number in the series.



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).

(C) 38

- 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.

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

86. Glycerol can be represented by chemical formula:

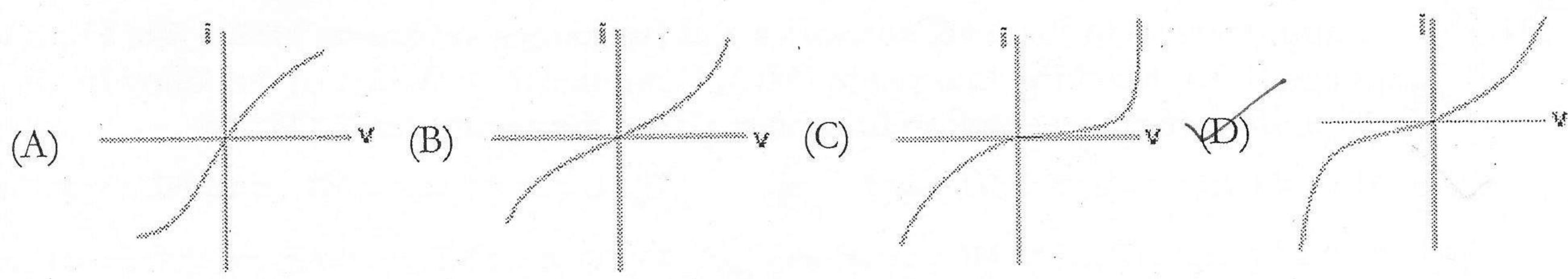
- (A) $C_2H_5O_2$
- (B) C_3H_7OH
- (C) C_3H_5OH

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

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

Which of the following is NOT an NGO?

- Amnesty International
- (B) World Watch
- PUCL
- Which of the Current (i) Voltage (v) graphs represents a p-n junction diode characteristics?



Arrange the following fractions in ascending order.

$$\frac{7}{10}, \frac{3}{8}, \frac{4}{5}$$

- 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?
 - AC Arc

(B) DC Arc

MIG

All of these are different types of weldings

93. $\sin^{-1}(1/2) + \tan^{-1}(1) = ?$

- (A) 30°

- (D) 90°

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

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

95. Approximate quantity of CO ₂ in the atmo	sphere in PPM (parts per million) is:
(A) 2 (B) 20	(C) 200 (D) 400
 96. In a transistor radio, a frequency tuner circ (A) An inductor and a variable capacitor in parallel (C) A multiple coil variac 	(B) A bridge rectifier diode feeding the base of a transistor through variable resistance (D) A potentiometer with variable resisitance
97. Arya samaj was founded by- (A) Raja Ram Mohan (B) Gopal Krishna Roy Gokhale	(C) Swami Dayanand (D) Anne Besant Saraswati
98. Which of the following statement is correct (A) n linear equations with n variables may have a unique solution (B) Both A & B are correct	ave (B) n linear equations with n variables may have no solution (D) Both A & B are wrong
99. In September 2014, which state was affect (A) Karnataka (B) Madhya Pradesl	h (C) Gujarat (D) Jammu & Kashmir
100. What is the function of push rod in a die (A) Cam and rocker (B) Connecting rod arm piston	sel engine? It transfers force between - l and (C) Crankshaft and (D) None of these piston
1	ten as 534; "Best of Luck" is written as 675; "The de "Good" would be written as: (C) 6 (D) 5
102. Bile is secreted by- (A) Stomach (B) Liver	(C) Large intestine (D) Gall bladder
103. Which of the following phenomenon is a (A) Condensation (B) Evaporation	related to the formation of clouds? (C) Sublimation (D) Vulcanization
104. In a computer system there are software Language (HL), Machine Language (Machine Language (Machin	
(C) $U \rightleftharpoons C \rightleftharpoons HL \rightleftharpoons ML \rightleftharpoons Comp$	(D) $U \rightleftharpoons ML \rightleftharpoons C \rightleftharpoons Comp$
105. Complete the series logically.	
$(A) \qquad (A) \qquad (B) \qquad (O)$	(C) (D) (R)
106. A software user interface feature that al end result while the document is being (A) Format creator (B) Format fidelit	lows the user to view something very similar to the created is called- y (C) WYSIWYG (D) WYGIWYS
107. What is morphology? (A) Study of insects (C) Study of forms and structural features	(B) Study of Human evolution of (D) Study of interdependence of organisms and

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environment

organisms

	€0,				
108	Find the value 3 + 0.03 + 0.00	3 + 0.0003			
	(A) 12	(B) 3.0333	(C) 3.3333	(D) 6.0333	
109.	A technique of messages and (A) Spice routing	sputting between th	e nodes, is called-	ter network using encrypti	
110				routing (D) Flower rout	ing
LLU.	(A) 100 K	ling point of water			
111		(B) 273 K	(e) 373 K	(D) 300 K	
111.					
	1 2	$\frac{T_1}{T_2}$	(C) $1 - \frac{T_1}{T_1 + T_2}$		
112.	A man said to a related to Rishi	lady "Rishi's moth	er is the only child of yo	our father". How is the lac	dy
\	(A) Mother	(B) Sister	(C) Wife	(D) Daughter	
113.	appuance could	i be a-		mmutator, carbon brush.	. The
114.	(A) DC motor In the case of a t	(B) AC induction uniformly distribute	motor (C) AC general	ator (D) Both (B) and orted beam, the bending	l (C)
	moment diagran	a would be-			
			uniform load	l of W/L	
		3)			
		4)			
	(A) 1	(B) 2	(C) 3	(D) 4	
15.	(A) They add cap	tor banks in the con acitance to the supply tored in case of break		y to a city? The storage spaces so that are available to maintenance	
	(C) They balance transformer c	the inductive components to smoothen the	nent of (D) They balan	n case of failures ce the inductive loads to im	
16.	the plant?	owing tissues trans	ports water and mineral	s from roots to other parts	of
	(A) Phloem	(B) Vessel	(C) Sieve tube		
L7.	Which of the foll construct the log (A) OR	owing logic gates is ic of any other logic (B) AND	a universal gate i.e. its gate? (e) NAND	combinations can be used	d to
8				(D) NOT	
((A) Inductor	(B) Capacitor	which equipment would (C) Rectifier	d be required additionally (D) Inverter	7.7
9.	Plants get water (A) Viscosity	through roots becau			
(- 1) VISCOSILY	(B) Elasticity	(C) Gravity	(D) Surface tension	n

	Who authored the boo (A) Abraham Lincoln		vith Truth"? (C) Louis Carol	(D) M.K Gandhi
	Which of the following		(C) Doub Caror	
	(A) Value of sinθ increa	ses with increase in θ	(B) Value of cosθ decrease in θ	
122.	Which of the following (A) Tolerances (C) Surface finish	(B) Mat	contained in engineering terial composition of these are included in engineering	
123.	In a digital circuit a concentrate pulses that have arrived the blanks respectively	ed at its clock input. C	which counts the counts the counters use as the	ne number of clock heir basic unit. Fill in
	(A) Register, Flip-flop	(B) NAND gate, Register	(C) Register, NAND gate	(D) Flip-flop, Toggle
124.	Which of these device computer?	es performs the function	on of both input device a	and output device for a
	(A) Joy Stick	(B) Mouse	(e) Modem	(D) Printer
125.	Which of the followin Educated and Teach		sents the relationship be	etween Human beings,
	(A) (D)	(B) (C)	(O)	$(D) \left(\begin{array}{c} \\ \\ \end{array} \right)$
126.	The average score of g marks. If the average of (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		ons of an object is and a	nswer what could this
	object be:			
	(A) Circle	(B) Sphere	(C) Ellipse	(D) Spheroid
	In a circuit in which rewould be-	esistance, capacitance	and inductance are in s	eries, the impedance
	(A) $\frac{V}{\sqrt{R^2 + (X_L - X_C)^2}}$	$\sqrt{R^2 + (X_L - X_C)^2}$	(C) $i\sqrt{R^2 + (X_L - X_C)^2}$	(D) $\frac{1}{\sqrt{R^2 + (X_L - X_C)^2}}$
129.	A map mentions the (A) 1:10 ³	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 i (A) 2.25	s the average of a & bi (B) 4.5	? (C) 6	(D) Data insufficient
	Several nations are for protocol was adopted (A) Kyoto, Japan (B)	d in:		ce emission targets. This (D) Paris, France
132.	A, B & C invest ₹ 26 of ₹ 3500. B's share i (A) ₹ 1200		000 respectively in a busing (C) ₹ 1700	ness. They earn a profit (D) ₹ 1900

133.	Complete thab_ab_ab_ab_ab				
	(A) bbab	(B)	abaa	(C) aaaa	(D) aaab
134.	he puts twic squares of th	e that of the parties that of the parties are chess board	revious square. F		In the subsequent squaruld he need to put on all to (D) p(64, 2)
135.	What is the 1 (A) 1:60	*		d's needle and hour's (C) 3600:1	s needle of a clock? (20) 720:1
136.		ater, the diss	olved oxygen is st >6µg/l		(D) > 6 mg/l
137.	India's first (A) 1835	/	ndence (related to	o Meerut mutiny) wa (C) 1892	
138.	Match the fo	llowing -			
		1. Nickei	a. Radiator, Wate	rcoolingsystem	
		2. Brass	b. Bearings, Gear	s, Propellers	
		3. Bronze	c. Hard, Corrosio	aresistant and used in	platingonsteel
	(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
139.	Consider foll	lowing contor	ırs:		
	Match the fo (A) 1-b, 2-a, 3		ll b) Pond c) Slop 1-a, 2-b, 3-c	ce (C) 1-a, 2-c, 3-b	(D) 1-c, 2-b, 3-a
	In C.G.S syst (A) cm/kg Processing s	(B)	92/200	(e) no unit	(D) None of these
142.	(A) MIPS(Mill (C) Both (A) Toaster and	lion Instruction and (B) electric iron,	n Per Second) that are commonl	(B) MHz of clock (D) None of these y used electrical app (C) Resistive load	
	Acid rain is constant (A) CO & CO		SO ₂ & O ₂	(e) SO ₂ & NO ₂	(D) NO ₂ & O ₂
144.	Find the next 1, 2, 6, 24, 120 (A) 240),	he series. 480	(C) 560	(D) 720
145.	If 'h' is the d	epth of water	held by a dam an		tion area of the water and re on the wall of the dam
93	will depend u (A) A, h & t		A & h	(C) h & t	(B) h

146. Cash-reserve ratio of	of College Carra College College and a		
(A) Ministry of		(C) RBI	(D) Management of the
Finance	Commerce		, commercial bank
147. The chemical reaction	on between cement and	water is:	
	(B) Chlorination	(C) Calcination	(D) None of these
148. English Bond, Flem	ich Rond Dutch Rond	nettain to-	
			(D) D 1: :
(A) Masonry work	(B) Cement bonding	(C) Bonding between	(D) Bonding in
		beams	foundation
TV.			
149. A tunic fork when so	ounded together with an	other tuning fork of kn	own frequency of
149. A tunic fork when so 240 Hz, emits 2 beat	ounded together with and s. On loading the tunin	other tuning fork of kn g fork of known freque	own frequency of acy the number of beats
240 Hz, emits 2 beat	ounded together with and so on loading the tunin cond. The frequency of	g fork of known freque	own frequency of acy the number of beats
240 Hz, emits 2 beat heard are one per se	s. On loading the tunin	g fork of known frequer the tuning fork is:	own frequency of acy the number of beats (D) 238 Hz
240 Hz, emits 2 beat heard are one per se (A) 241 Hz	cs. On loading the tunin cond. The frequency of (B) 242 Hz	g fork of known frequent the tuning fork is: (C) 239 Hz	ncy the number of beats (D) 238 Hz
240 Hz, emits 2 beat heard are one per se	cs. On loading the tunin cond. The frequency of (B) 242 Hz	g fork of known frequent the tuning fork is: (C) 239 Hz	ncy the number of beats (D) 238 Hz