(A) $T_3$ 29. Three consecutive v	(B) $T_4$ ertices of a parallelogra (B) $(2,1)$	m are (-2,-1),(1,0) and (4 (C) (1,2)	,3).Find the fourth vertex D) none of these
(A) $(0,1)$ 30. If parabola $y^2 = px$ (A) $4/3$	passes through the poir (B) 7/2	nt (2,-3), then the length of	of latus rectum is (D) 2/9
31. Which of the follow (A) Stomach	(=) ==:01	(C) Kidney	(D) Pancreas
32. How much blood do (A) 3-4 Litre	(D) 4-3 Little	(C) 5-0 Line	(D) 6-7 Litre
<ul><li>33. Which of the follow human beings?</li><li>(A) Sulphur di oxido</li><li>(C) Carbon di oxido</li></ul>	de	(B) Nitrogen di oxide (D) Hydrogen chlorid	de A T

34. Who was awarded the (A) Rutherford	Nobel Prize for the (B) Chadwick	6 discove	ry of neutrons? (C) Bohr	(D) Goldstein
(A) J. J. Thomson	ified by: (B) Daniel 5		(C) J Kepler	(D) Hames Chadwick
(A) Becomes zero	-1 11111 -200-		(C) Remains th	ne same (D) Decreases
(A) Borax (C) Sodium sulphate	fixer in photograp		lium thio sulp monium persi	hate
<ul><li>38. Rectifiers are used to co</li><li>(A) Low voltage to high</li><li>(C) DC to AC</li></ul>	nvert: voltage		h voltage to lo	
39. BFJ, IMQ, PTX, ??: (A) XBF (E	3) XAE		C) WAE	(D) WBF
Control of the Contro	3) EL37		(C) DK37	(D) EL35
41. You go north, turn right	, then right again	and the	n go to the left.	In which direction are you
nowr	3) South		(C) East	(D) West
42. Dengue fever is caused by (A) Bacteria (E)	oy? 8) Fungi		(C) Virus	(D) Protozoan
<b>43.</b> 1.Birth 2.Death	3.Funeral	4.Marri	age 5.E	ducation
What is the correct order?	2, 3, 4, 5, 1	(	C) 1, 5, 4, 2, 3	(D) 1, 3, 4, 5, 2
(A) QSI IC	wrath		(C) QPRS	(D) QRPS
(P) the pet dog (Q) would never sleep (R) we once had (S) except on the sofa				
What is the correct or (A)RPQS (B)	SPQR	6	(C) PRQS	(D) PQSR
		-		

Direction	(Q46-50):	Select	appropriate	option	to fill	l in	the	blanks.
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-	1100-001 (\$40-00); p	etect appropri		wane.
	Everyone in this univ A) about	verse is accountable to (B) against	o Godhis (C) for	actions. (D) of
47.	The opposition partie	s allege that prices of	essential commodit	ies arelike a runaway
t	oall on. A) soaring	(B) reviving	(C) flying	(D) leaping
<b>48.</b> (	A son who is unable A) guilty	to look his father in the (B) arrogant	he face is (C) timid	(D) ashamed
<b>49.</b> (	ary diesonic	d to your comp (B) fearsome	(C) awesor	ne (D)
50.	I like listening to	Wesley go on about po	olitics and social iss	ues; his opinions are with
	my own beliefs. (A) latent	(B) explicit	(C) conson	inonced
51.	An aqueous solution (A) Neutral	n of Na₂SO₄ is (B) Acidic	(C) Basic	(D) Colloida
52	<ul> <li>Potash alum is —         <ul> <li>(A) Simple Salt</li> </ul> </li> </ul>	(B) Complex Salt	(C) Double Salt	(D) Acidic Salt
	(A) SO <sub>2</sub>	ring is a solid acidic of (B) CaO	(C) Na <sub>2</sub> O <sub>2</sub>	(D) P <sub>2</sub> O <sub>5</sub>
	(A) NaCl Solution	a solution is anicon	ne (D) Na HCO <sub>3</sub> S	on is acidic Solution is acidic
	. Which of the follow	ing is the strongest I (B) N <sub>3</sub> H	(C) NH <sub>3</sub>	(D) PH <sub>3</sub>
56	. Which of the follow	ring bases is not pre (B) Thymine	sent in RNA? (C) Uracil	(D) Cytosine
57	. The most electrone	egative element amo (B) Bromin		
58	How much N/5 HO	(B) 200		ralize 2 g of CaCO <sub>3</sub> ? (D) 90 ml
59.	One mole of H <sub>2</sub> S  (A) One mole of	ni Cu lorriz	(D) Two mol	e of Ba (OH) <sub>2</sub> es of S <sub>r</sub> (OH) <sub>2</sub>
_	For preparation of	f 250 ml. N/10 NaF (B) 4.10 g		amount of NaHCO3 taken is:- (D) None of these
61.	. Compound havin (A) Alkane	g formula C <sub>12</sub> H <sub>24</sub> is (B) Alkene	(C) Alkyne	(D) None of these

<b>62.</b> The com-		
<ul> <li>62. The compound CH<sub>3</sub> CH<sub>2</sub> CH<sub>2</sub></li></ul>		
63 CH <sub>2</sub> CH <sub></sub>	8	
63. An example of a chemical property is  (C) Solubility	200	(D) Heptanoic Acid
(A) Density a chemical -	id (O) Hexanoic Acid	(D) Hopes
(C) Solubility	(C) Flore	
64 T		
The gas evolved	(B) Mass	
(A) N <sub>2</sub> when methylan	(D) Acidity	
64. The gas evolved when methylamine reac  (A) N <sub>2</sub> (C) H <sub>2</sub> 65. The compounds	to with mitrous acid is	·
65. The compound having formula CH <sub>3</sub> CH=]  (A) Geometrical Isomers  (C) Optical Isomers	(B) NH <sub>3</sub>	
(A) C	(D) C <sub>2</sub> H <sub>6</sub>	
(A) Geometrical Jeon Invited Chack		
(C) Optical Isomers  (C) Optical Isomers	NOH is	·s
66. Which of the	(B) Cis-trans isomer	<u>.</u>
(A) CH Co following is of	(D) Isomers	
66. Which of the following is ethanoyl chlori (A) CH <sub>3</sub> COCl (B) CH <sub>3</sub> CH <sub>2</sub> Cl	de	
1116 I.U.P A C	(C) CH <sub>3</sub> CH <sub>2</sub> COCl	(D) None
(B) CH <sub>3</sub> CH <sub>2</sub> Cl  (A) 2-Methyl butane  (B) CH <sub>3</sub> CH <sub>2</sub> Cl  (A) 2-Methyl butane		
(C) Ethyl propane	(B) 2, 2- dimethyl pr	ronane
68. Acetaldala	(D) 2, 4- dimethyl	butane
(A) Acetaldehyde reacts with HCN to give  (A) Acetaldehyde Oxime		
(C) Acetaldehyde Chlorohydrin	(B) Acetaldehyde Cy	romal1 '
69. Glucose on Oxidation gives:	(D) Acetone	yanonyann
Glucose on Oxidation gives		
(A) Acid (B) Aldehyde	(C) Ester	(D) Ethon
(A) Acid (B) Aldehyde	(C) Ester	(D) Ether
70. Which of the following compound conta	ins Carbonyl group?	
(A) Acid (B) Aldehyde	ins Carbonyl group?	
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde	ins Carbonyl group? (C) Formaldehyde	(D) Ether
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde 71. Which of the following is not an air pollo	ins Carbonyl group? (C) Formaldehyde	(D) Ether (D) All of them
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollo (A) CO (B) SO <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde utant? (C) NO	(D) Ether
<ul> <li>70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde</li> <li>71. Which of the following is not an air pollu (A) CO (B) SO<sub>2</sub></li> <li>72. The gases which is not responsible for pollutions.</li> </ul>	ins Carbonyl group? (C) Formaldehyde  itant? (C) NO  hotochemical smog?	(D) Ether (D) All of them
<ul> <li>(A) Acid (B) Aldehyde</li> <li>70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde</li> <li>71. Which of the following is not an air pollu (A) CO (B) SO<sub>2</sub></li> <li>72. The gases which is not responsible for poly (A) Oxides of Nitrogen (B) F</li> </ul>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons	(D) Ether (D) All of them
<ul> <li>(A) Acid (B) Aldehyde</li> <li>70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde</li> <li>71. Which of the following is not an air pollu (A) CO (B) SO<sub>2</sub></li> <li>72. The gases which is not responsible for poly (A) Oxides of Nitrogen (B) F</li> </ul>	ins Carbonyl group? (C) Formaldehyde  itant? (C) NO  hotochemical smog?	(D) Ether (D) All of them
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for poly (A) Oxides of Nitrogen (B) F (C) Inert Gases (D)	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons	(D) Ether (D) All of them
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollution (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for property (A) Oxides of Nitrogen (B) F (C) Inert Gases (D) 6  73. K <sub>2</sub> CrO <sub>4</sub> is used to identify—	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide	(D) Ether  (D) All of them  (D) N <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for parameters (C) Inert Gases (D) (C) Inert Gases (D) (C) Inert Gases (D) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Ag+	(D) Ether  (D) All of them  (D) N <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for parameters (C) Inert Gases (D) (C) Inert Gases (D) (C) Inert Gases (D) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Ag+	(D) Ether  (D) All of them  (D) N <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollut (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for part (A) Oxides of Nitrogen (B) F (C) Inert Gases (D) Contact (B) Ba <sup>2+</sup> 73. K <sub>2</sub> CrO <sub>4</sub> is used to identify— (A) Cu <sup>2+</sup> (B) Ba <sup>2+</sup>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Ag+	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Ca <sup>2+</sup> letal as the residue?
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for particle (A) Oxides of Nitrogen (B) For (C) Inert Gases (D) (C) Inert Gases (D) (C) Inert Gases (D) (C) Cu <sup>2+</sup> (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub>	(D) Ether  (D) All of them  (D) N <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for particle (A) Oxides of Nitrogen (B) For (C) Inert Gases (D) (C) Inert Gases (D) (C) Inert Gases (D) (C) Cu <sup>2+</sup> (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub>	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Ca <sup>2+</sup> letal as the residue?
70. Which of the following compound contant (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollut (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for property (A) Oxides of Nitrogen (B) F (C) Inert Gases (D) 6  73. K <sub>2</sub> CrO <sub>4</sub> is used to identify— (A) Cu <sup>2+</sup> (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub> 75. Which among the following is most solutions.	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub>	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Ca <sup>2+</sup> Letal as the residue?  (D) Al (NO <sub>3</sub> ) <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollut (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for particle (C) Inert Gases (D) G  73. K <sub>2</sub> CrO <sub>4</sub> is used to identify— (A) Cu <sup>2+</sup> (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub> 75. Which among the following is most solut (A) Mg (OH) <sub>2</sub> (B) Sr (OH) <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub> ble in water? (C) Ca (OH) <sub>2</sub>	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Cq <sup>2+</sup> Letal as the residue?  (D) Al (NO <sub>3</sub> ) <sub>2</sub> (D) Ba (OH) <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollut (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for properties (A) Oxides of Nitrogen (B) From (C) Inert Gases (D) Grant Gases (D) Grant Gases (D) Grant Gases (D) Grant Gases (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub> 75. Which among the following is most solut (A) Mg (OH) <sub>2</sub> (B) Sr (OH) <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub> ble in water? (C) Ca (OH) <sub>2</sub> es a monochromatic	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Cq <sup>2+</sup> Letal as the residue?  (D) Al (NO <sub>3</sub> ) <sub>2</sub> (D) Ba (OH) <sub>2</sub>
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollu (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for properties (A) Oxides of Nitrogen (B) From (C) Inert Gases (D) (C) (E) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub> 75. Which among the following is most solution (A) Mg (OH) <sub>2</sub> (B) Sr (OH) <sub>2</sub> 76. A Young's double slit experiment using the following on the screen	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Ag* g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub> ble in water? (C) Ca (OH) <sub>2</sub> es a monochromation is	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Cq <sup>2+</sup> Letal as the residue?  (D) Al (NO <sub>3</sub> ) <sub>2</sub> (D) Ba (OH) <sub>2</sub> It is source of light. The shape of
70. Which of the following compound conta (A) Acetic Acid (B) Acetaldehyde  71. Which of the following is not an air pollut (A) CO (B) SO <sub>2</sub> 72. The gases which is not responsible for particle (C) Inert Gases (D) G  73. K <sub>2</sub> CrO <sub>4</sub> is used to identify— (A) Cu <sup>2+</sup> (B) Ba <sup>2+</sup> 74. Which of the following nitrates on strong (A) AgNO <sub>3</sub> (B) Pb(NO <sub>3</sub> ) <sub>2</sub> 75. Which among the following is most solut (A) Mg (OH) <sub>2</sub> (B) Sr (OH) <sub>2</sub>	ins Carbonyl group? (C) Formaldehyde  Itant? (C) NO  hotochemical smog? Hydrocarbons Carbon monoxide  (C) Agt g heating leaves the m (C) Cu(NO <sub>3</sub> ) <sub>2</sub> ble in water? (C) Ca (OH) <sub>2</sub> es a monochromatic	(D) Ether  (D) All of them  (D) N <sub>2</sub> (D) Cq <sup>2+</sup> Letal as the residue?  (D) Al (NO <sub>3</sub> ) <sub>2</sub> (D) Ba (OH) <sub>2</sub>

77. Two slits are made one millimeter apart and the screen is placed of the screen is placed of wavelength 500 nm is used is	two away.	The fringe
and the screen is placed o	ne metre aves	
77. Two slits are made one millimeter apart and the selection is placed in separation when blue green light of wavelength 500 nm is used is separation when blue green light of wavelength 500 nm is used is	(D) 10×10-4m	
separation when blue green light of wat (C) 2×10-4 m	(D) 10	ing in the

78. In Young's double slit experiment the ratio of intensity of the maxima and minima in the interference experiment is 25: 9. The ratio of widths of two slits is

79. A screen is placed 50 cm from a single slit which is illuminated with light of wavelength 6000 Å. If the distance between the first and third minima in the diffraction pattern is 3.0 mm, (D) 4×10-4 m

80. The input resistance of a transistor is 1000 Ω on charging its base currently by 10 μA, the collector current increases to collector current increases by 2 mA. If a load resistance of 5 k $\Omega$  is used in the circuit, the voltage gain of the amplification (D) 1500

(C) 1000

**81.** In an *n-p-n* circuit transistor, the collector current is 10 mA. If 80% electron emitted reach the collector, then collector, then

(A) the emitter current will be 7.5 mA

(B) the emitter current will be 12.5 mA

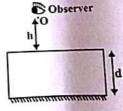
(C) the base current will be 3.5 mA

(D) the base current will be 1.5 mA

- 82. An air bubble in a glass sphere ( $\mu = 1.5$ ) is situated at a distance 3 cm from a convex surface of diameter 10 cm. At what distance from the surface will the bubble appear?
- (B) 2.5 cm(C) 5 cm 83. A boy of height 1 m stands in front of a convex mirror. His distance from the mirror is equal to (A) 2.5 cm (D) 0.67 m its focal length. The height of this image is

- 84. A compound microscope consists of an objective lens with focal length 1.0 cm and eye piece of focal length 2.0 cm and a tube length 2.0 (C) 0.5 m focal length 2.0 cm and a tube length 20 cm, the magnification will be
- 85. A convergent beam of light passes through a diverging lens of focal length 0.2m and comes to (C) 250 focus 0.3 m behind the lens. The position of the point at which the beam would coverage in the absence of the lens is (D) 0.15 m (C) 0.3 m (B) 0.6 m

(A) 0.12 m 86. A point luminous object (O) is at a distance h from front face of a glass slab of width d and of refractive index  $\mu$ . On the back face of slab is a reflecting plane mirror. An observer sees the image of object in mirror [figure]. Distance of image from front face as seen by the observer will be Observer



(A)  $h + \frac{2d}{}$ 

(B) 2h +2d

(C) h + d

87. A plane mirror is place object is moving with respect to its object is			, Gre	d. A point
87. A plane mirror is place object is moving with respect to its object is (A) - 8ĵ		10	The mirror is lixe	mage with
87. A plane mirror is place		Y-BX	kis. The velocity of II	Hago
object is moving with	ed along the vand	negative The	relative	
respect to its object:	3i + 4jin front of	facing mirror.	(7) 6	
(A) – 8î	2.16 OI (I	ne plane	(D) -0)	
(-, 0)	(B) 8 j	1	difference	developed
88. A jet plane is too w	0.750	(C) 3j-4j	he voltage difference fi	eld at the
between the ends of	ig west at the	1600 kmn if th	ne earth's magnet	
(A) - 8j  88. A jet plane is travellir between the ends of the location has a magnitude (A) 4.1 V	ie wings having	ed of 10 20 m, (11)	is on a g V	
		the dip angle 18	(D) 3.0 ·	
	,	(C) 3.2 V		
89. The co-efficient of mut (A) medium between the	ual industa	depends on	between the coils	
(A) medium between the	e coil	wo coils dep distance	between the	
		(D) all of the	se	aire is
90. The direction of:		-14	nation shown in the Ile	3010 1-
90. The direction of induce	ed current in the co	oils A and B in the sit	uauss	
P				
- 2000	200	x y		
(A) p to q in coil A a	and water in Coil		1 to win C	oil B
(C) p to q in coil A an	dy to x in coil B	B (B) q to p in	n coil A and x to y in $c$	В
	STATE OF THE STATE		,	
91. Two solenoids of equ	al number of tu	ne boile their length	s and the radii in the	same ratio
1:2. The ratio of their	self inductances	will he	is and the radii in the	
(A) 1:2	(B) 2:1	(C) 1:1	(D) 1:4	
<b>92.</b> A square of side $x$ me				
	where B <sub>0</sub> is consta	nt. The magnitude of	flux passing through t	he square
is	(D) 2D 2 Wh	(C) 2B <sub>0</sub> x <sup>2</sup> Wb	(D) D =2 U/b	
(A) 5 $B_0x^2$ Wb	(B) $3B_0x^2$ Wb	15/	(D) $B_0x^2$ Wb	
93. If the number of turns	s per unit length o	f a coil of solenoid is o	double, the self inducta	nce of the
solenoid will				
(A) remain unchanged	(B) be halved	(C) be doubled	(D) become four	time
94. In a pure capacitive	aircuit if the fre	quency of a ac source	e is doubled then its	aanaaitiwa
94. In a pure capacitive	Circuit, ii the		e is doubled, then its	capacitive
reactant will be	(B) doubled	(C) halved	(D) zero	
(A) remain same		i series I OD :	18 B	
95. At resonance frequence	cy the impedance	in series LCR circuit i	is	
(A) maximum	(B) minimum	(C) zero	(D) infinity	
	. Healtr for liquid	s with		
96. Streamline flow is mo	re likely for liquid	(B) low density ar	nd low viscosity	
(A) bigh density and D	Igh viscosity		nd high viscosity	1
(C) high density and lo	W VISCOSITY			1 1 C
			1:2 11. hix 80	32/129
	· M	1	1. hixu	AND.

97. In a potentiometer a cell of emf 1.5V gives a balanced point at 32 cm length of the wire. If the cell is replaced by another cell the balance point shift to 65.0cm then the emf of second cell is (A) 3.05V (D) 6.05V (C) 4.05V (B) 2.05V 98. When a drop of water splits up into number of drops (A) area increases (B) volume increases (C) energy is absorbed (D) both (A) and (C) 99. A liquid will not wet the surface of a solid if its angle of contact is (D) greater than 90° (A) zero (B) 90° (C) 45° 100. Which of the following instrument is used for measuring gauge pressure? (D) Hydrometer (A) Thermometer (B) Barometer (C) Manometer

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