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	KD 1		
	SSC JE PSU's CEN'I	'RA	L 85 STATE AE/JE
U	nder the leaders	rip	o of 'Neetu Singh'
40.	A point 'P' is above Horizontal Plane (HP) and		(B) Density of liquid
	In front of vertical Plane (VP).		(C) Viscosity of liquid (D) Temperature of air only
	(A) First quadrant	50	(D) reinperature of an only Pascal's law states that pressure at a point
	(B) Second quadrant	00.	is equal in all directions
	(C) Third quadrant		(A) In a liquid at rest
	(D) Fourth quadrant		(B) In a laminar flow
41.	Which type of cable is used for underground		(C) In a turbulent flow
	service connections?	F 1	(D) In a fluid at rest
	(A) Low tension $4\frac{1}{4}$ core cable	51.	The ELCB is used to protect the circuit from the
	(B) Low tension $3\frac{1}{2}$ core cable		(A) Burning (B) Electrical leakage
	(C) Low tension 2 ¼ core cable	52.	(C) Low voltage (D) Over current The fuse material must have low
	(D) Low tension $2\frac{1}{2}$ core cable		(A) conductivity (B) permittivity
^{42.}	what type of earthing is used by transmission lines?		(C) meltting point (D) none of these
	(A) Plate earthing (B) Rod earthing	53.	The square root of the veriance is called
	(C) Strip earthing (D) Both (A) and (C)		thedeviation.
43.	The leakage current must not be more than		(A) Empirical (B) Mean
	of maximum supply current.		(C) Continuous (D) Standard
	(A) $1/1000$ (B) $1/100$	54	If $A = \begin{bmatrix} 2 & -1 \\ 0 & 1 \end{bmatrix}$ characteristic roots of A are
	(C) $1/500$ (D) $1/5000$		
++.	(A) Link (B) Hyperlink		(A) 1, -1 (B) 0, 1
	(C) Connector (D) None of the above		(C) 0, -1 (D) 1, 2
45.	URL stands for	1 55.	ine velocity ratio of a first system of pulleys with 4 pulleys is
	(A) Uniform Resource Locator	D	(A) 4 (B) 8
	(B) Unique Remote Locator		(C) 16 (D) 15
	(C) Uniform Remote Locator	56.	If the resultant of two forces P and Q acting
	(D) Unique Resource Locator		at an angle (α) with P then
46.	If $\tan A = \frac{1}{2}$, $\tan B = \frac{1}{3}$, value of $\tan(A+B)$		(A) $\tan \alpha = P \sin \theta / (P + Q \cos \theta)$ (D) $\tan \alpha = P \cos \theta / (P + Q \cos \theta)$
	is		(b) $\tan \alpha = P \cos \theta / (P + Q \cos \theta)$ (c) $\tan \alpha = O \sin \theta / (P + Q \cos \theta)$
	(A) 0 (B) 1		(D) $\tan \alpha = 0 \cos \theta / (P + 0 \cos \theta)$
	(C) infinity (D) None of the above	57.	The Newton's Second Law of Motion gives a
47.	Centre of the circle		relation between force, mass and
	$x^2 + y^2 - 6x + 4y + 2 = 0$ is		(A) velocity (B) acceleration
	$ \begin{array}{c} (A) & (-0, 4) \\ (C) & (-2, 2) \end{array} $		(C) speed (D) none of these
	(C) $(-3, -2)$ (D) $(3, -2)$	58.	$(1.01)^{\circ} =$
48	If $X + Y = \begin{bmatrix} 6 & 4 \\ -4 & -4 \end{bmatrix}$ and $X - Y = \begin{bmatrix} 2 & 4 \\ -4 & -4 \end{bmatrix}$ volue of		(A) 1.001 (B) 1.051 (C) 1.51 (D) 15.1
		59	Polar form of a complex number is
	X is		(A) $r (\tan \theta + i \cot \theta)$
			(B) $r (\sec \theta + i \csc \theta)$
	$(A) \begin{bmatrix} -3 & -1 \end{bmatrix} \qquad (B) \begin{bmatrix} 8 & 3 \end{bmatrix}$		(C) $r(\cos \theta + i \sin \theta)$
			(D) $r (\sin \theta + i \cos \theta)$
	(C) $\begin{vmatrix} 6 & 4 \\ 2 & 1 \end{vmatrix}$ (D) $\begin{vmatrix} 4 & 4 \\ 5 & 2 \end{vmatrix}$	60.	In a right angle triangle ABC right angled at B, AB = 10 cms A = 22° values of AC and
10	L^{-} L^{\vee} L^{\vee}		BC are
+9.	shape of a liquid drop is determined by		(A) 3.75, 9.27 (B) 4.23, 8.45
	(A) Surface tension of the liquid		(C) 1.87, 6.52 (D) 9.68, 4.15
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	KD 1		
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	naer the leadersh		A maximum at the magnet in which
02.	be reshaped when hot.	91.	magnetic influence can be experienced is
	(A) thermosoftening		called
	(B) thermosetting		(A) flux (B) line of force
	(C) both the above		(C) strength (D) magnetic field
	(D) none	92.	In a series circuit, remains same.
83.	Which tree gives out latex to obtain nautral rubber?		(A) current(B) voltage(C) resistance(D) none of the above
	(A) eucalyptus	93.	The rotating part of de machine is called
	(B) hevea brassiliensis		(A) field (B) armature
	(C) anogeissus		(C) frame (D) yoke
	(D) astragalus	94.	The internal force developed in body, in
84.	N th derivative of e ^{ax} is		order to regain its original size and shape
	(A) e^{ax} (B) na^x		after application of deforming force is
	(C) e^{nx} (D) $a^n e^{ax}$		(A) restoring force (B) elastic force
85.	The linear velocity of a rotating body is given	0-	(U) stress (D) strain
	by the relation where $r = Radius$	95.	A cylindrical bar of length 0.2 m deforms to 2 mm. What will be the strain developed in
	of the body in radian /s		the bar?
	(A) $v = r \omega$ (B) $v = r/\omega$		(A) 1 (B) 0.1
	(C) $v = \omega/r$ (D) $2\omega/r$		$\begin{array}{c} (C) & 0.01 \\ (D) & 0.001 \end{array}$
86	According to Pauli's exclusion principle it	96.	If a ladder is not in equilibrium against a
	is impossible for any two electrons in a		smooth vertical wall, then it can be made
	given atom to have all the quantum		in equilibrium by
	numbers identical.		$\overline{(A)}$ Increasing the angle of inclination
	(A) 1 (B) 2		(B) Decreasing the angle of inclination
	(C) 3 (D) 4		(C) Increasing the length of the ladder
87.	Total number of orbitals associates with the		(D) Decreasing the length of the ladder
	principal quantum number $n = 3$ is	97.	A can copy a printed page of text or
			freeing us from creating the data from
80	According to in the ground state of		scratch.
00.	the atoms, the orbitals are filled in order of		(A) printer (B) plotter
	their increasing energies.		(C) painter (D) scanner
	(A) Expulsion principle	98.	The software used for tasks such as
	(B) Aufbau principle		managing disks and trouble shooting
	(C) Duplet rule		hardware problems is
	(D) None of the bove		(A) Utility
89.	An electrolytic cell uses electrical energy		(B) Application software
	to drive		(C) Upeating system
	(A) chemical reaction	00	(D) None of the above
	(B) physical reaction	99.	called lavout
	(U) no reaction		(A) OWERTY (B) OERWITY
	(D) none of the above		(C) OREWTY (D) OWTERY
90.	(A) ovides (B) substite error	100	Which of the following operating system do
	(C) carbon ores (D) chloride ores		you choose to implement a client server
			network?
			(A) MS DOS (B) Windows 86
			(C) Windows 98 (D) Windows 2000
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Answer-key & Solution JE DSSSB ME 9. EE										
. C	16. B	31. B	46. B	61. B	76. A	91. D				
. C	17. C	32. B	47. D	62. C	77. B	92. A				
. В	18. D	33. A	48. D	63. A	78. C	93. B				
. C	19. D	34. D	49. A	64. B	79. D	94. B				
. D	20. B	35. C	50. D	65. A	80. C	95. C				
. C	21. D	36. C	51. B	66. A	81. D	96. A				
. В	22. A	37. A	52. C	67. D	82. A	97. D				
. C	23. B	38. B	53. D	68. [′] C	83. B	98. A				
. D	24. C	39. C	54. D	69. D	84. D	99. A				
0. D	25. A	40. A	55. C	70. B	85. A	100. D				
1. B	26. B	41. A	56. C	71. A	86. D					
2. D	27. B	42. D	57. B	72. A	87. A					
3. C	28. A	43. D	58. B	73. D	88. B					
4. B	29. C	44. B	59. C	74. C	89. A					
5. A	30. B	45. A	60. D	75. A	90. B					
Not mes	e : If you sage the	ur opinio mock tes	n differ st and Qı	regardin lestion n	g any ar umber to	ıswer, pla 9560620	ease)353			





