Roll N	o. of (	Candidate:	- 2 2		
		ew Scheme) (IN Iinutes	TERMEDIATE PART-I) 319-(II) OBJECTIVE Code: 6473		Group: I Paper: I Marks: 17
Note:	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave other blank.				
1.	1.		er of convex lens of foc B) 9.6	al length 10cm is: C) 3.5	D) 11
	2.	If AB $\sin\theta = AB \cos A$ ) $30^{\circ}$	s0 then the angle betwee B) 45°	een $\vec{A}$ and $\vec{B}$ is:	D) 180°
	3.	As the speed of object it:	t moving through a flui	d increases then the	drag force experienced by
		A) increases	B) decreases	C) remains constar	nt D) becomes zero
	4.	In a Michelson Interferometer by moving the mirror through a distance of $\frac{\lambda}{4}$ , the path difference changes by:			
		A) $\frac{\lambda}{4}$	B) $\frac{\lambda}{2}$	C) λ	D) 2λ
	5.	The ratio of moment	of inertia of disc and ho		429
		A) $\frac{1}{4}$	$B)\frac{1}{2}$	C) $\frac{3}{4}$	$D)\frac{3}{2}$
	6.	A) work and power C) work and torque	ne dimensions.	B) momentum and D) power and pres	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	7.	The louder the sound A) wavelength	, the greater will be its: B) amplitude	C) speed	D) frequency
	8.	If the resultant of two	ant of two vectors each of magnitude 'F' is also of magnitude 'F' then the		
		angle between them v A) 30°	will be: B) 60°	C) 90°	D) 120°
	9.	A) candela	unit. B) ampere	C) kelvin	D) newton
	10.	At constant temperate A) constant	ure, if pressure is halve B) halved	d then its volume is: C) four times	D) doubled
	IJ.	A) electric force	servative force.  B) magnetic force	C) gravitational fo	orce D) frictional force
	12.	Change in entropy of A) positive	f reversible process is: B) negative	C) zero	D) maximum
	13.	The total energy of n A) mass of the body C) spring constant	nass-spring system is in	dependent of: B) amplitude D) nature of mater	rial of spring
	14.	Pull of earth on a ma A) 95 N	ss of 10 Kg on the sur B) 96 N	face of the earth is: C) 97 N	D) 98 N
	15.	One radian is equal to A) 77.3°	o: B) 67.3 °	C) 57.3 °	D) 47.3 °
	16.	Pascal is the unit of: A) pressure	B) force	C) tension	D) weight
	17.	Distance between tw	o adjacent crests and tr		D) 2 \( \lambda \)
		AjA	$B)\frac{\lambda}{2}$	C) 1/4	85 A. 653 b.
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