10	inter			
Warning:- Please write your Roll No. in the space provided and sign. Roll No				
(Inter Part - I) (Session 2018-20 to 2021-23) Sig. of Student				
hysic	s (Objective)	( Group II	) 540-42-22	Paper (I)
Γime A	Allowed:- 20 minutes	PAPER CODI		Maximum Marks:- 17
Vote:-	You have four choices for each	ch objective type question as	A, B, C and D. The choice y	which you think is correct; fill
hat 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. Write PAPER CODE, which is printed on this question paper, on the both sides of the				
Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or				
white correcting fluid is not allowed.				
	Efficiency of steam loco	motive is	- V	
	(A) 10 %	(B) 7 %	(C) 9 %	(D) 8 %
2)	The famous book Princip	pia written in		
	(A) 1787	(B) 1607	(C) 1687	(D) 1534
3)	The total base units are		(0) 5	(D) 4
	(A) 7	(B) 6	(C) 5	(D) 4
4)	If $\vec{A} + \vec{B} = \vec{B} + \vec{A}$ vector		(6) 1 1111	(D) 4 (1) 1
	(A) Associative	(B) Commutative	(C) Additive	(D) Additive Inverse
5)	Which relation is true fo		(0)	(7)
	(A) $m = \frac{a}{F}$	(B) $F = \frac{m}{}$	$a = \frac{F}{A}$	$a = \frac{m}{2}$
	1	a	m	F
6)	One watt hour is equal to		(C) 26 KI	(D) 36 MJ
	(A) 3.6 MJ	(B) 3.6 KJ	(C) 36 KJ	(D) 30 MJ
7)	The dimension of angula		(C) F77-21	$(T)$ $[T^{-3}]$
	(A) $[T^{-1}]$	(B) $[LT^2]$	(C) $[T^{-2}]$	(D) $[T^{-3}]$
8)	Terminal velocity is rela	ited with the radius 'r' of	a spherical object is	
	(a) V+ xx	(b) 4xx (c)	1 x 1 (d) V2x	
2				
9)	If F=0.08 N and $x = 4$ cr	n then k is	(C) 23 Nm <sup>-1</sup>	(D) 2 Nm <sup>-1</sup>
10	(A) 56 Nm <sup>-1</sup>	(B) 5.6 Nm <sup>-1</sup>		(D) 2 IVIII
10	The speed of sound is graph (A) Density	(D) Pressure	(C) Temperature	(D) Elasticity
11	Soap film shows colour		(C) remperature	(2) 2340343
11	(A) Interferrance	(B) Diffraction	(C) Polarization	(D) Reflection
				` '
12	Refractive Index is give		r-	
4	$(A) \stackrel{\mathcal{C}}{\downarrow}$	(B) $\frac{v}{c}$	$(C)$ $\frac{ c }{ c }$	(D) $\sqrt{\frac{v}{}}$
,	(A) )	(D) C . 1 .	· Vv.	Vc )
13	The tripple point of wat	er is		
	(A) 273.16 °F	(B) 273.16 °C	(C) 273.16 K	(D) 373.16 K
14	The dimension of mc <sup>2</sup> is			(T) T
	(A) Force	(B) Momentum	(C) Time Period	(D) Torque
15	$(\hat{i} \times \hat{j}) \times \hat{k} + (\hat{j} \times \hat{j}) \times \hat{i} $ w	rill be		
	$(A) = \hat{j}$	(B) $\hat{j}$	(C) 0	(D) $-\hat{i}$
16) Speed of hoop at the bottom of an inclined plane is				
10	(A) $\sqrt{gh}$	(B) $\sqrt{2gh}$	(C) 4	(D) $\sqrt{4gh}$
	184	ν ν 28"	(C) $\sqrt{\frac{4}{3}gh}$	γ .ο.,
,,,				
17	) Star moving away from	(B) Red Shift	(C) Blue Shift	(D) Yellow Shift
	(A) Green shift		7	(-) 40
<b>1117</b> - 1122 - 21000 <b>(3)</b>				

