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## FIRST REVISION EXAMINATION, JANUARY - 2025

Ti	Sime Allowed: 3.00 Hours	PHYSICS	[Max. Marks: 70				
I.	PART - I  Answer all the questions. akwaacademy.blogspot.com  15x1=15  Choose the correct answer.						
1.	그렇게 되었다면서는 어디에서는 아무네요. 그런 아무네요. 그런 아무네요. 그리고 그렇게 되었다는 그는 그렇게 되었다. 그리고 그는 그를 먹는 그는 그를 바다고 되었다.						
a hard	(a) $_{92}^{235}$ U in 99.3% (b) $_{92}^{238}$ U in 99.7%						
2							
2.	electrons from A to B is						
		J (c) 4.40 x10 <sup>-17</sup> J	(d) $5.80 \times 10^{-17} \text{ J}$				
3.	. The technology used for stopping the brain from processing pain is						
	(a) Precision Medicine	(b) Wireless brain	sensor				
	(c) Virtual reality	(d) Radiology					
4.	. There is a current of 1.0 A in the circui	the resistance of P.					
	9V T \$ 2.5-52	(a) 1.5 Ω	(b) 2.5 Ω				
	T. T. 32532	(c) 3.5 Ω	(d) 4.5 Ω				
5.	. The ratio of wavelength of first line of I	vman series to the se	ries limit of Balmer series is				
	(a) 1:3 (b) 3:1	(c) 1:1	(d) 1:2				
6.			(4)2				
	(a) it transports energy	(b) it trasnports m	omentum				
	(c) it transports angular momentum						
	(d) In vaccum it travels with different s	needs which depend o	in their frequency				
7.		ircuit for the current les	s than 15A and more than 15 A are				
٠.	(a) Copper, lead-tin (b) Copper-tin, le	ead (c) lead conner	(d) lead tip copper				
8.		in the form of loops O	no of the leans in sirals and the lea				
	semi circle, and third one is square. The	ev are placed in a unifo	rm magnetic field and course the til				
	current is passed through them. Which	of the following loop of	onfiguration will average				
	torque.	or the following loop o	omiguration will experience greater				
<u> </u>	(a) Circle (b) Semi-circle	(c) Square	CAN All Co				
9.			(d) All of them				
٥.	light passing through a Nicol prism is						
	(a) 1.5 x 10 <sup>8</sup> m/s (b) 3 x 10 <sup>8</sup> m/s	(c) 2.5 x 10 <sup>8</sup> m/s	(d) 2 x 10 <sup>8</sup> m/s				
10.	). In AC circuits, the projection of phasor						
	(a) the average value of alternating vo	oltage (or) current					
	(b) the RMS value of alternating voltage	ge (or) current					
	(c) Instantaneous value of alternating	voltage (or) current	A Part of the second of the second				
8	(d) algebraic sum of alternating voltage	е					
11.	. A light of wavelength 500 nm is inciden	t on a sensitive metal	nlate of photo cloatric work from				
	1.235eV. The Kinetic energy of the pho	to electrons emitted is	(Take be 6 × 40.44 to)				
	(a) 0.58 eV (b) 2.48 eV	(c) 1.24 eV	그 어린 경우 하나는 그리고 이렇게 되는데 하고 있었다. 그리 전에 하지 않는 바람이 되었다고 되었다. 그리 하고 있다.				
12.		of thickness E v 40.3	(d) 1.16 eV				
	When a light is incident on a soap film	Defrective to 1	m. The wavelength of light reflected				
	maximum in the visible regionis 5320 A (a) 1.22 (b) 1.33						
	(a) 1.22 (b) 1.33	(c) 1.51	(d) 1.83				