Paper Code			2015 (A) Roll No			
Number:		8475	INTERMEDIATE PART-II (12 <sup>th</sup> CLASS)			
PHYSICS PA GROUP-I		PAPER-II	APER-II (NEW SCHEME) <u>OBJECTIVE</u>		TIME ALLOWED: 20 Minutes MAXIMUM MARKS: 17	
think Cutti as giv	is corre ng or fil ven in ob	ct, fill that cir ling two or mo jective type q	cle in front of that ore circles will resu uestion paper and l	question number. Use It in zero mark in that	B, C and D. The choice which you marker or pen to fill the circles. question. Attempt as many questions credit will be awarded in case ECTIVE PAPER.	
Q.No			. 1. 1			
(1)			ernating voltage is a:		(D) Sine Curve	
(2)		-	(B) Cosine Curve			
(2)		The mass difference between $V$ and $I$ of an A.C through resistor is:- A) Zero degree (B) 90° (C) 180° (D) 270°				
( <b>2</b> )		U	(B) $90^{\circ}$	(C) 180°	(D) 270°	
(3)	The critical temperature of Aluminum is:- (A) $2.72 K$ (D) $2.2 K$ (D) $8.2 K$					
(4)	(A) 3.72 K (B) 1.18 K (C) 7.2 K (D) 8.2 K				(D) 8.2 K	
(4)	Potential difference across depletion region in case of Silicon:-					
(5)					(D) 0.9 V	
(5)	The size of base in a transistor is:- (4) $10^{-8}$ (7) $10^{-8}$ (7) $10^{-6}$					
	(A) $10^{-9}m$ (B) $10^{-7}m$ (C) $10^{-8}m$ (D) $10^{-6}m$					
(6)	When Platinum is heated, it becomes orange at:-					
	(A) 50		(B) 900° <i>C</i>	(C) 1100° <i>C</i>	(D) 1300° <i>C</i>	
(7)	For an electron, the rest mass energy is:-					
		11 MeV		(C) 0.611 MeV		
(8)	Photons emitted in inner shell transition are:- (A) Continuous $X$ – rays					
	(B) Discontinuous $X$ – rays (C) Characteristic $X$ – rays (D) Energetic $X$ – rays					
(9)	Half life of $U - 238$ is:-					
	(A) 2.:	$5 \times 10^9$ years	(B) $3.5 \times 10^9$ year	cs (C) $4.5 \times 10^9$ years	(D) $5.5 \times 10^9$ years	
(10)	The particles equal in mass or greater than protons are called:-					
	(A) Baryons (B) Hadrons (C) Fermions (D) Mesons					
(11)	Relativ	e permitivity	for air is:-			
	(A) 1.0	)6	(B) 1.006	(C) 1.0006	(D) 1.6	
<ul> <li>(12)</li> <li>(13)</li> <li>(14)</li> <li>(15)</li> </ul>	Seleniu	um is a:-				
	(A) Insulator (B) Photoconductor (C) Conductor (D) First insulator then Conductor				(D) First insulator then Conductor	
	The potential difference between the head and tail of an electric ecl is:-					
	(A) 60	00 volts	(B) 700 volts	(C) 800 volts	(D) 900 volts	
	A current flowing towards the reader is denoted by:-					
	(A) Cr	OSS	(B) A bracket	(C) A dot	(D) Positive sign	
	The unit of magnetic flux is:-					
	(A) Te	sla	(B) Weber	(C) Weber $m^{-2}$	(D) Tesla $m^2$	
(16)	The Lenz's Law fulfils:- (A) Law of Conservation of energy (B) Law of Conservation of Charge					
		(C) Law of Conservation of Momentum (D) Kirchhoff's Law				
(17)				lectrical energy are know	wn as:-	
	(A) Di	ssipators	(B) Generators	(C) Load	(D) Motors	

19(NEW SCHEME)(Obj)(**PPP**)-2015(A)-10000 (MULTAN)