Paper Code			2015 (A) Roll No			
Num	iber:	8471	INTERMEDIAT	TE PART-II (12 th CLASS)	
	'SICS)UP-I	PAPER-II	(AE) <u>ECTIVE</u>	TIME ALLOWED: 20 Minutes MAXIMUM MARKS: 17	
think Cutti as giv	is correcting or fill ven in ob	ct, fill that cir ing two or mo jective type q	cle in front of that qu ore circles will result uestion paper and lea	uestion number. in zero mark in ave others blank	as A, B, C and D. The choice which you Use marker or pen to fill the circles. that question. Attempt as many questions A. No credit will be awarded in case OBJECTIVE PAPER.	
Q.No						
(1)		e permitivity f				
	(A) 1.0		(B) 1.006	(C) 1.0006	(D) 1.6	
(2)		im is a:-				
	(A) Ins		(B) Photoconductor			
(3)	1		nce between the head a			
		0 volts	(B) 700 volts	(C) 800 volts	(D) 900 volts	
(4)		-	vards the reader is den	-		
	(A) Cro		(B) A bracket	(C) A dot	(D) Positive sign	
(5) (6) (7)		t of magnetic		(C) 11 - ²	$(\mathbf{D}) = 1 + 2$	
	(A) Tes		(B) Weber	(C) Weber m^{-2}		
	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					
		The devices in the circuit that consume electrical energy are known as:-				
		sipators	(B) Generators	(C) Load	(D) Motors	
(8)		1	rnating voltage is a:-	(0) 2000	(2)	
(-)		(A) Cotangent Curve (B) Cosine Curve (C) Tangent Curve (D) Sine Curve				
(9)		Phase difference between V and I of an A.C through resistor is:-				
		o degree	(B) 90°	(C) 180°	(D) 270°	
(10)	The critical temperature of Aluminum is:-					
	(A) 3.7	1	(B) 1.18 K	(C) 7.2 K	(D) 8.2 K	
	Potential difference across depletion region in case of Silicon:-					
(11)						
(12)			(B) 0.7 V	(C) 0.8 V	(D) 0.9 V	
(12)		The size of base in a transistor is:-				
(12)	(A) 10 ⁻			(C) $10^{-8} m$	(D) $10^{-6} m$	
(13)			ated, it becomes orang			
/ 1 • •	(A) 50		(B) 900° <i>C</i>	(C) 1100° <i>C</i>	(D) 1300° <i>C</i>	
(14)		,	est mass energy is:-			
(4 -)		11 MeV			(D) 0.711 MeV	
(15)			ner shell transition are		-	
	(B) Discontinuous X – rays (C) Characteristic X – rays (D) Energetic X – rays					
(16)		è of U – 238 i		-		
					years (D) 5.5×10^9 years	
(17)	The particles equal in mass or greater than protons are called:-					
	(A) Bar	ryons	(B) Hadrons	(C) Fermions	(D) Mesons	
			19 (NE V	W SCHEME)(O	bj)(P)-2015(A)-10000 (MULTAN)	