foil No. of Candidate;								
'hysics (New Scheme) Time: 20 Minutes			(INTER PART-II) OBJECTIV Code: 8471	E			Paper: II Marks: 17	
lote:	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.	Due to polarization, ele (A) increases (C) first increases then d		(B)	r: decreases remains same			
	2.	If time constant in RC (A) slowly (A)	circuit is small, then ca B) rapidly		itor is charged or o		intermittently	
	3.	Kirchhoff's second rule (A) law of conservation (C) law of conservation	of energy	26	law of conservation			
	4.	S.I unit of magnetic pe (A) Wb A <sup>-1</sup> m <sup>-1</sup> (	rmeability is: B) Wb m <sup>2</sup>	(C)	Wb mA <sup>-1</sup>	(D)	Wb Am <sup>-1</sup>	
	5.	When ohmmeter gives (A) zero resistance	full scale deflection, i B) infinite resistance		icates, small resistance	(D)	very high resistance	
	6.	Lenz's law deals with t (A) magnitude of induce (C) direction of induced	ed current		direction of induce magnitude of indu			
	7.	When current flowing (A) half (I	through an inductor is B) four times		oled, then energy sone fourth		in it becomes:	
	8.	In a capacitive circuit of (A) minimum	of A.C quantity, when B) maximum		= 0, the slope of c zero		curve is: negative	
	9.	When A.C passes thro (A) 0° (i	ough an inductor, volta B) 45°		eads the current by 90°		ngle: 180°	
	10.	In extrinsic semi-condu (A) 1 atom to 10 <sup>4</sup> (1)	uctors, doping is of the B) 1 atom to 10 <sup>8</sup>	orde (C)	er of: I atom to 10 <sup>16</sup>	(D)	1 atom to 10 <sup>6</sup>	
	11.	The Boolean equation (A) $X = A.B + B.A$ (B)				(D) X	$= A.\overline{B} + \overline{B}.A$	
	12.	The potential barrier for (A) 0.7 volt	or silicon at room-temp B) 0.5 volt		ure is 0.3 volt	(D)	0.9 volt	
	13.	The unit of work funct (A) volt	ion is: B) joule	(C)	watt	(D)	farad	
	14.	An electron in H-atom possible in this case? (A) 3	is excited from ground B) 4	d star (C)		many (D)		
	15.	Metastable state is(A) 10 <sup>-5</sup> times larger (A)	than normal  B) 10 <sup>-8</sup> times smaller	excit (C)	ted state. 10 <sup>-3</sup> times smaller	(D)	10 <sup>5</sup> times larger	
	16.	A pair of quark and an (A) meson (		(C)	lepton	(D)	baryon	
	17.	The force which is response (A) strong nuclear force (C) electromagnetic force		(B)	p of the radioactiv gravitational force weak nuclear force	e eler	nents is:	