Registration No :															
Total Number of Pages : 02											B. Ted	ch.			
210 210 6 <sup>th</sup> Semester Regular Examination 2017-18 HIGH FREQUENCY ENGINEERING BRANCH: ECE, ETC Time: 3 Hours Max Marks: 100													<b>PET611</b>	210	
Q.CODE : C224  Answer Part-A which is compulsory and any four from Part-B.  The figures in the right hand margin indicate marks.  210  210  210  210														210	
Q1	using a reflect a) Backwar	a sing ctor ele d wave	ing q gle ca ctrod	<b>luest</b> i avity le afte	ions: klysti er the	ron tu	<i>iple t</i> ibe th	уре с	r das	h fill		<b>/pe :</b> escillator b	<b>(2 x 10</b>	))	
210	b) Reflex kl c) Travelling d) Magnetro	g wave ons		210	ıo do	vios i	210 2 whi	ob the	o from	210			210	210	
ţ.	determined b a) VTM b) Gyratron c) HelixBW d) None of	y the b	oiasin					GII (II)	z пес	jue IIC	y OI C	operation	15		
210	frequencies space-charge electrode. a) IMPATT b) Klystron	<ul><li>a) IMPATT</li><li>b) Klystron</li><li>c) Spacistor</li></ul>													
210 <b>C</b>	a) The mate a) Unitary b) Symmete c) Lossless d) None of	rix ric the abo electror doping	n co	an <sup>210</sup> oncen		deal n in	210	olator ype		s 210 6 is			<u>210</u>	210	
210 <b>f</b>	c) Drive cur d) None of To prevent a maintain a) Average b) Average	rent the about t	ATT of at safe t e	e limi			<sup>210</sup> ing, a		tant t	210 Dias s			210 <b>to</b>	210	
<b>2</b> 10	c) Average d) Average l) In order to a a TRAPATT a) Gain b) Size c) Operatin d) No comp	resista chieve diode. g frequ	ince high	Curre 210			210			in		_	<b>in</b> 210	210	