1 point	1.	If the features of Model 1 are a strict subset of those in Model 2, the TRAINING error of the two models can <b>never</b> be the same.			
		True			
		Fals	2		
1 point	2.		es of Model 1 are a strict subs ve lowest TRAINING error?	et of those	in Model 2, which model will
		Model 1  Model 2			
			mpossible to tell with only this	informati	on
	0				
1 point	3.	If the features of Model 1 are a strict subset of those in Model 2. which model will USUALLY have lowest TEST error?  Model 1			
		O Mod			
		lt's i	mpossible to tell with only this	informati	on
1 point	4.		es of Model 1 are a strict subsive lower BIAS?	et of those	in Model 2, which model will
		O Mod			
		Mod	el 2 mpossible to tell with only this	informati	on
	7000				
1 point	5.	Which of the following plots of model complexity vs. RSS is most likely from TRAINING data (for a fixed data set)?			
			а		b
		RSS		RSS	
		ž		œ	
			model complexity		model complexity
			c		d /
		RSS		RSS	
			model complexity		model complexity
		O b			
		( c			
		O d			
1 point	6.	Which of the a fixed data		plexity vs.	RSS is most likely from TEST data (for
			а		b
		RSS		RSS	
		_	model complexity		model complexity
			с		d
		RSS		RSS	
					· V V
			model complexity		model complexity
		<ul><li>a</li></ul>			
		) b			
		O d			
1 point	7.	It is <b>always</b> optimal to add more features to a regression model.			
		True Fals			
1 point	8.	A simple model with few parameters is most likely to suffer from:  High Bias			
		High	Variance		
1	9.	A complex model with many parameters is most likely to suffer from:			
point		High Bias High Variance			
		- Ingi			
1 point	10.	A model wit data is cons	n many parameters that fits tr dered to be	aining data	a very well but does poorly on test
		o accu			
		_	fitted		
		O poo	rly estimated		
1 point	11.			ter like the	e optimal polynomial degree is:
			el estimation		
		_	iple regression mizing test error		
			mizing test error		
1	10	Selecting	odel complexity on test data (c	hoose all t	hat apply):
1 point	۱۷.		ws you to avoid issues of over		
		mod		ssment of	performance of the resulting
			mputationally inefficient uld never be done		
		. 2222			
1 point	13.	Which of the following statements is true (select all that apply): For a <b>fixed model complexity</b> , in the limit of an infinite amount of training data,  The noise goes to 0			
		The noise goes to 0  Bias goes to 0			
		_	ance goes to 0		
		IIdl	5 - 2 - 8003 10 0		