

(d)	
Ans->	No, the test path doesn't tour the simple path directly. Yes, with a ridetrip. It is (2, 4, 6, 1, 2)
	Livectly.
	Yu with a ridetrip - It is [2,4,6,1,2]
(e)	
Ans:	
	Node Coverage: { 1, 2, 3, 4, 5, 6, 7}
	Edge Coverage: $\{(1,2), (1,7), (2,3), (2,4), (3,2), (4,5), (4,6), (5,6), (6,1)\}$
	(3,2), (4,5), (4,6), (5,6), (6,1)}
	Prime Path Coverage: {[1,2,4,5,6,1], [1,2,4,6,1],
	[2,4,6,1,2],[2,4,5,6,1,2],[3,2,4,6,1,7],
	[3,2,4,5,6,1,7], [4,6,1,2,4], [4,5,6,1,2,4]
	[4,6,1,2,3], [4,5,6,1,2,3], [5,6,1,2,4,5]
	[6,1,2,4,6],[6,1,2,4,5,6],[3,2,3],
	(2,3,2)
6	
<u>(£)</u>	
Am:	P3 covers Node but not Edge i.e, (4,6)
(P)	
Ans!	{P1, P2 for {P2, P3} covers Edge but not
- ryts:	Prime Path.

	7	
	Ans:	
	(a)	P1: not a test path because it doesnot terminate
		at final node
8 11		P2: test path
		P3: test path
		P4: not a test path because it doesn't start
8		with an initial node
		P5: rust a test path because an edge (3,2) doesn't
•		exist in the graph
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	X 2 1	
	6	
	Ans:	
	2	Coverage are
		{[1, 2, 1], [1, 2, 3], [1, 3, 1]
		[2,1,3], [2,1,2], [2,3,1]
		[3,1,2],[3,1,3]}
	An.	No, the set of test paths doesn't satisfy the edge paix everage because P2 & P3 doesn't cover [2,1,2] and [3,1,3]
1	rivs.	edge paix evverage because P2 & P3 doesn't
		over [2,1,2] and [3,1,3]

(3) Ans: P3 doesnot true the prime path directly but with ride trip [1,2,17] it tous the prime path	directly 1 the	path di it tour	prime , 2,1]	the	7,711	11 14		(d)	
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