Cyber Security Assignment 1 Quiz 1 ICT 3156 V Semester, IT

1.The act(s) that can cause security (1 Point)	harm to the Availability property is/are
Interception	
Interruption	
Modification	
Fabrication Fabrication	
2. Which of the following statement	es is false? (1 Point)
confidentiality.	t authorized by the system accessing a data item affects
Specifying what a person with policy.	authentication can access is a sufficient aspect of a security
Every password can be guessed albeit with a varying degree of difficulty.	
sought instances are 5000, of which the specificity of such a system? (1	system can correctly flag 9500 instances. The total number of a 4745 instances are passed by the system as authentic. What is Point)
94.9%	Specificity = $d/(b+d)$
98.85%	Given: $a+b+c+d = 9800$, $a+d = 9500$, $a+c = 5000$, $a = 4745$
99.06%	b+d = 4800, $d = 4755$
95.1%	(4755/4800)*100 = 99.06%
as not authenticated. The system in statements is not true in this system	tly identifies 500 instances as authenticated, and 400 instances accorrectly authenticates 50 instances. Which of the following a? (1 Point)
Sensitivity exceeds specificity in this system.	
Specificity exceeds sensitivity in this system.	
Sensitivity and specificity are statistically related.	
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Specificity = d/(b+d), Sensitivity = a/(a+c) **Given:** a+b+c+d = 980, a = 500, d = 400, b = 50 **b+d = 450, a+c = 530**Sensitivity = 500/530 = 94.33%, Specificity = 400/450=88.88%