#147 - M21_Quiz1_Probability and Statistics_7th September 2021_01:00 PM

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ery question properly before attempting the an	swer.			
nutes before the end. Don't wait until the end! e accepted. ediately, if you have any difficulty uploading ans	wers			
ode tantra.	wci3.			
1 marks per question	4 display questions	4 maximum answerable		
MCQ - Single Answer	1 marks	Easy		
. How many different sequences of length k we	can form out of these symbols?			
3				
MCO - Single Answer	1 marks	Easy		
Thow many different sequences of length		TWE die not unowed to use the same		
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MCQ - Single Answer	1 marks	Easy		
with three hearts and three spades?				
MCQ - Single Answer	1 marks	Easy		
MCQ - Single Answer usly. What is the probability of getting atleast or		Easy		
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Descriptive	3 marks per question	5 disp l ay questions	5 maximum answerable
Q1 (418)	Scan and/or Upload	3 marks	Medium
imilar urns. The provisions were tha	ated. In response to his supplications, he was p t he had to distribute 100 white and 100 black hese urns. How should the prisoner put the ba	balls between the two urns, in ar	y way he liked, after which he had to
Q2 (419)	Scan and/or Upload	3 marks	Medium
tate and prove law of total probabi	lity.		
Q3 (420)	Scan and/or Upload	3 marks	Medium
fair coin is flipped. If it turns out h robability tree, and explain your an	ead, then roll a four sided die, else roll a six sid swer.	ed die. You win if you roll 4. Wha	t is your probability of winning? Show t
Q4 (421)	Scan and/or Upload	3 marks	Medium
	021 is spam, 20% of spam has the word "dear' hat the email is spam? Show detailed answer.	', and 2% of non-spam has the wo	ord "dear". You get an email with the w
Q5 (422)	Scan and/or Upload	3 marks	Medium
escribe Monty-Hall problem (discu	ssed in class)? Discuss solution to this problem	n. What if Monty opens the door i	andomly?