## #21542 -FALL2122CAT1\_VL2021220103901\_CSE3501\_SEP21\_LAVANYA K

## Instructions

## **Basic Instructions**

- 1. You can freely navigate between different questions forward and backward using Next and Previous buttons
- 2. Finish button will be enabled only towards the end of the exam.

## Instructions for DESCRIPTIVE questions requiring SCAN & UPLOAD

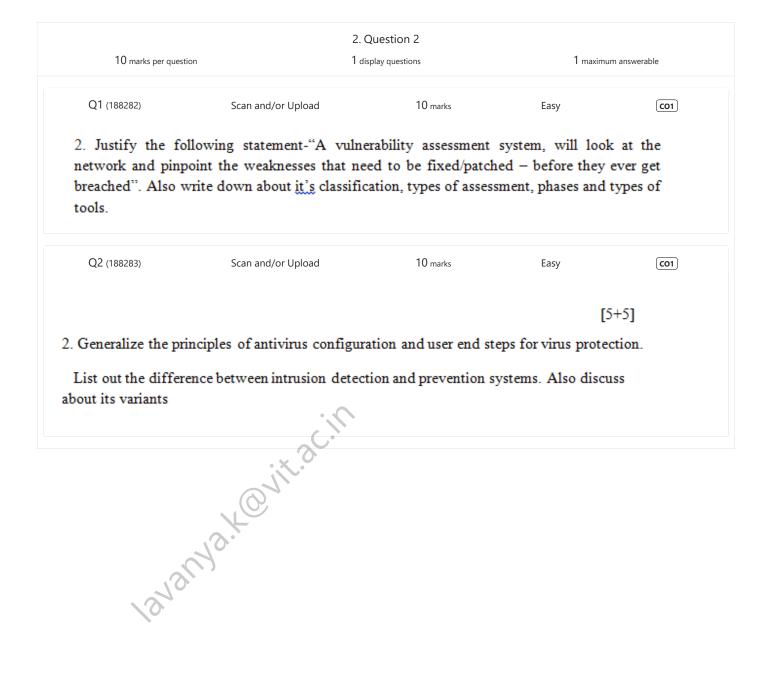
- 1. Make sure to upload your scans immediately after you answer every question. Do NOT wait till the end to avoid panic at the end.
- 2. The exam time is inclusive of time for scanning & uploading answers.
- 3. If using laptop + mobile for the exam, click on Open Test on laptop and click on Scan & Upload on mobile.
- 4. If using laptop + mobile for the exam, when scanning and uploading from mobile, ensure that the correct question is open on the laptop.
- 5. When clicking on Camera button on a smart phone for scanning and uploading, you have 2 camera applications available to scan the answer: your phone's **native camera** and an alternative Low Memory Camera. Click on the **Low Memory Camera** in case your browser shows an error due to low memory.

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10 marks per ques	stion	display questions	I maximui	m answerable
Q1 (188280)	Scan and/or Upload	10 marks	Medium	<b>CO1</b>
I. Assume that t	here is an attacker "H" w	ants to enter into t	he network of an e	nterprise
	multiple attempts to intrud			
because of strong	IDPS implementation. So,	he targeted a rand	om amployee (Say "	·Δ") and
	, <del></del>	, ne targeteu a ranu	om emproyee (say	A ) and
eavesdropped all	_			
	his web activity for or	ne month. Later	"H" found that "	A" uses
nttp://www.cat1.e	his web activity for or exam.in for more than thric	ne month. Later e per day. Based or	"H" found that ".  that finding, "H" o	A" uses deceived
http://www.cat1.e	his web activity for or	ne month. Later e per day. Based or	"H" found that ".  that finding, "H" o	A" uses deceived
http://www.cat1.e	his web activity for or exam.in for more than thric	ne month. Later e per day. Based or	"H" found that ".  that finding, "H" o	A" uses deceived
http://www.cat1.e the "XYZ" network.	his web activity for or exam.in for more than thric	ne month. Later e per day. Based or bly as well as did	"H" found that ".  that finding, "H" of  the desired damag	A" uses deceived e in that
http://www.cat1.e the "XYZ" netw network. By considering th	his web activity for or exam.in for more than thric ork and intruded comforta	ne month. Later e per day. Based or bly as well as did rour view on the fol	"H" found that ".  that finding, "H" of  the desired damag	A" uses deceived e in that

1. Two different offices on campus are working to straighten out an error in an employee's bank account due to a direct deposit mistake. Office #1 emails the correct account and deposit information to office #2, which promptly fixes the problem. The employee confirms with the bank that everything has, indeed, been straightened out.

i.	What are the possible network attacks?	[2.5]
ii.	List out the challenges identified in given scenario?	[2.5]
iii.	What objectives to be ensured for data security?	[2.5]
iv.	What techniques to be deployed to ensure security?	[2.5]

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5 of 5