

#21403 -

FALL2122CAT1_VL2021220103896_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.

1. Question 1

10 marks per question

1 display questions

1 maximum answerable

Q1 (189707)

Scan and/or Upload

10 marks

Medium

CO1

A friend sends an electronic Hallmark greeting card (e-card) to your work email. You need to click on the attachment to see the card.

In the given scenario,

- i. What are the possible threats? [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]

Q2 (189708)

Scan and/or Upload

10 marks

Medium

CO1

1. We saw a case a while back where someone used their email account at a computer lab on campus. He made sure his email account logged out and was no longer open in the browser window before leaving the lab. Someone came in behind her and used the same browser to re-access her account. They started sending emails from it and caused all sorts of mayhem.

In the given scenario,

- 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]

lavanya.k@vit.ac.in

2. Question 2

10 marks per question

1 display questions

1 maximum answerable

Q1 (189709)

Scan and/or Upload

10 marks

Easy

CO1

2. Write short notes on

- i. STRIDE [3]
- ii. Access controls-Plane of Application [3]
- iii. COMSEC Security [4]

Q2 (189710)

Scan and/or Upload

10 marks

Easy

CO1

2. Write short notes on

- i. STRIDE [3]
- ii. Access controls-Functionality [3]
- iii. Business continuity Management [4]

lavanya.k@vit.ac.in

3. Question 3

10 marks per question

1 display questions

1 maximum answerable

Q1 (189711)

Scan and/or Upload

10 marks

Easy

CO2

3. Security of social media portals is currently one of the most important topics of social media portals and other new internet media and information services. Identify the network security issues and devices that can be deployed in improving information security collected in social media portals databases?

Q2 (189712)

Scan and/or Upload

10 marks

Easy

CO2

3. Identify the network security device that may completely disallow some traffic or all traffic, or it may perform verification on some or all of the traffic. Discuss in detail about its variants.

lavanya.k@vit.ac.in

lavanya.k@vit.ac.in