

JAIN Online

Proctored Examination



JGJ JAIN ONLINE
DEEMED-TO-BE UNIVERSITY

Sketch of a person sitting at a desk with a laptop, a smartphone, and a pen.

Login

Please login using your user name registered with Jain University

User name *

Password * 

[Forgot Password?](#)

LOGIN

OR

[Login with OTP](#)

Logging into the Student Portal

Begin by navigating to the student portal. You will be prompted to enter your registered user name and password to access your dashboard. You also have an option to log in using an OTP.

Dashboard

Engage

My Program

My Courses

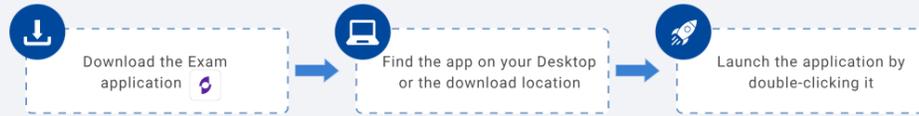
My Calendar

Help

End Semester Exams

Complete the mandatory mock exam to register for your End Semester Exams

Steps to Take Your Exam



ANSWER SCRIPT TEMPLATE

EXAM GUIDELINES

EXAM INSTRUCTIONS

EXAM APP DOWNLOAD

Registered Courses for Semester 1 ESE

23VMT0C102 - Computing Concepts and Problem Solving using C

23VMT0C103 - Data Communication and Computer Networks

Navigating to the Examination Section

Once logged in, you will land on your Student Dashboard. From the left-hand menu, ensure you are on the **Dashboard** tab. The main area will display the "End Semester Exams" section, which contains the necessary steps and links for your examination.

Student Ref. No. _____

Page No. _____

Course Code: _____

Question No. _____

Downloading the Answer Script Template

For exams with descriptive questions, you must download the official "Answer Script Template." This can be found in the End Semester Exams section of your dashboard.

Essential Guidelines relating to Examination, Assessment and Progression

Assessment of learning is carried out under two broad categories:

1. **Formative or Continuous Assessments (CA)** are conducted as the semester progresses. It is to provide the learner with the opportunity to effect any mid-course correction in the learning process. There will be three (3) CA tests which are almost evenly spaced during the semester and the student shall be given flexibility to complete their assessments at his/her own pace in the given time frame.

Summative Assessment through End Semester Examinations will be held as per the notified duration of the University. The weightage of assessment scores for the Continuous Assessments and the End Semester Examinations shall be 30:70

Exams involving practical's, virtual labs as well as projects will be evaluated as per scheme, notified separately.

The End Semester Examinations shall be conducted online through AI Enabled Remote Proctoring.

Registration for Exams and Eligibility

Student shall be required to register for the End Semester Examinations and for Supplementary/Backlog examination by paying the fees if any, applicable. To be eligible for the exams, students should have paid tuition fees, exam fees and any other dues of the relevant semester and should have fulfilled stipulated academic requirements. All such eligible students shall be provided with a confirmation communication of registration for the examination.

Eligibility for Pass and Student Progression

1. A learner must score at least 40% in the End Semester Examinations. Also, the aggregate in both Continuous Assessments and Semester End Examinations combined should be 40%.

INSTRUCTIONS TO CANDIDATES

1. Registration for the examinations is compulsory. The learners shall select all courses for which the learner intends to take up examination.
2. It is obligatory for all learners to **DOWNLOAD THE EXAMINATION APP** and to take up mock exams prior to registration.
3. “On Demand” examinations shall be conducted by the University 24 / 7. Learners can choose to appear for the examination of any of the courses that they have registered for in any sequence during the observed period. They can appear only once in any given course during a given examination cycle. The learners can also choose to take a maximum of 2 examinations within a day among the courses registered.
4. The duration of each examination shall be 3 hours. An additional 20 minutes shall be allowed as buffer
5. Learners will be required to write descriptive answers in the prescribed “Descriptive Questions Template”. Learners are required to download the template through “Answer Script Template” from the End Semester Examination palette in student dashboard and print adequate copies for all exams.
6. Please write answer for each descriptive question in a fresh sheet.
7. Please note that this is an AI based remote proctored examination. The entire on-screen and video footage of the examination shall be captured for each learner. Violations recorded during the exam will attract disciplinary action.

Pre-Examination Preparations and Guidelines

Before you can begin your exam, there are several mandatory preparatory steps.

[Examination Guidelines and Instructions](#)

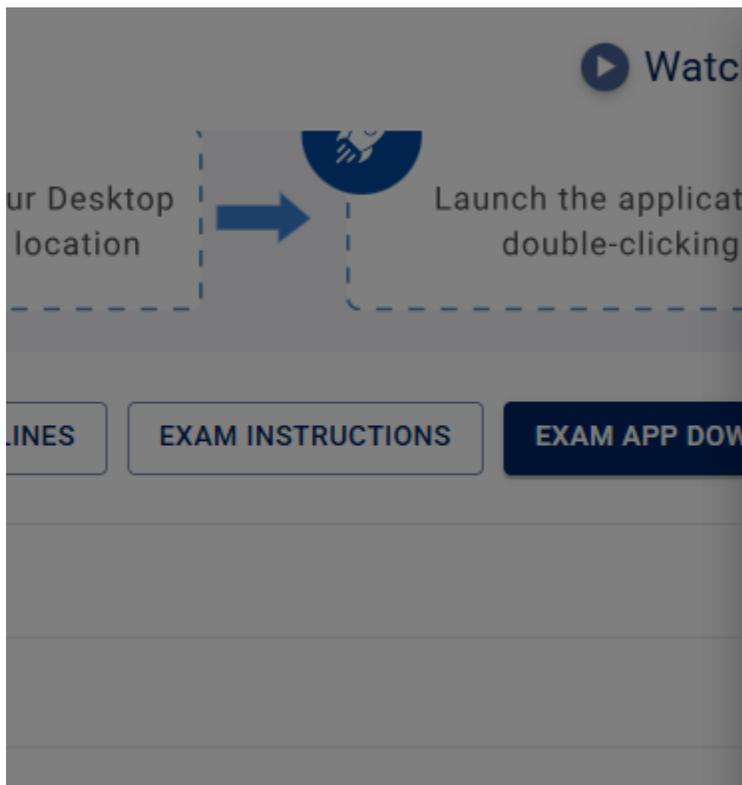
It is crucial to familiarize yourself with the university's examination guidelines.

- **Assessment Structure:** Assessments include Continuous Assessments (CA) and End Semester Examinations (ESE), with a score weightage of 30:70,

respectively. To pass, a student must score at least 40% in the ESE and a combined aggregate of 40%.

- **Registration:** Students must register and pay all applicable fees for the End Semester Examinations to be eligible.
- **AI-Proctoring:** All End Semester Examinations are conducted online through an AI-enabled Remote Proctoring system.
- **Mandatory Mock Exams:** It is obligatory for all students to download the examination application and take the mock exams before registering for the final exams.
- **Exam Duration:** Each examination is 3 hours long, with an additional 20-minute.

Descriptive Answers: For descriptive questions, learners must write their answers on a prescribed template, which must be downloaded and printed beforehand.



Exam App Download

 [Download for Windows](#)

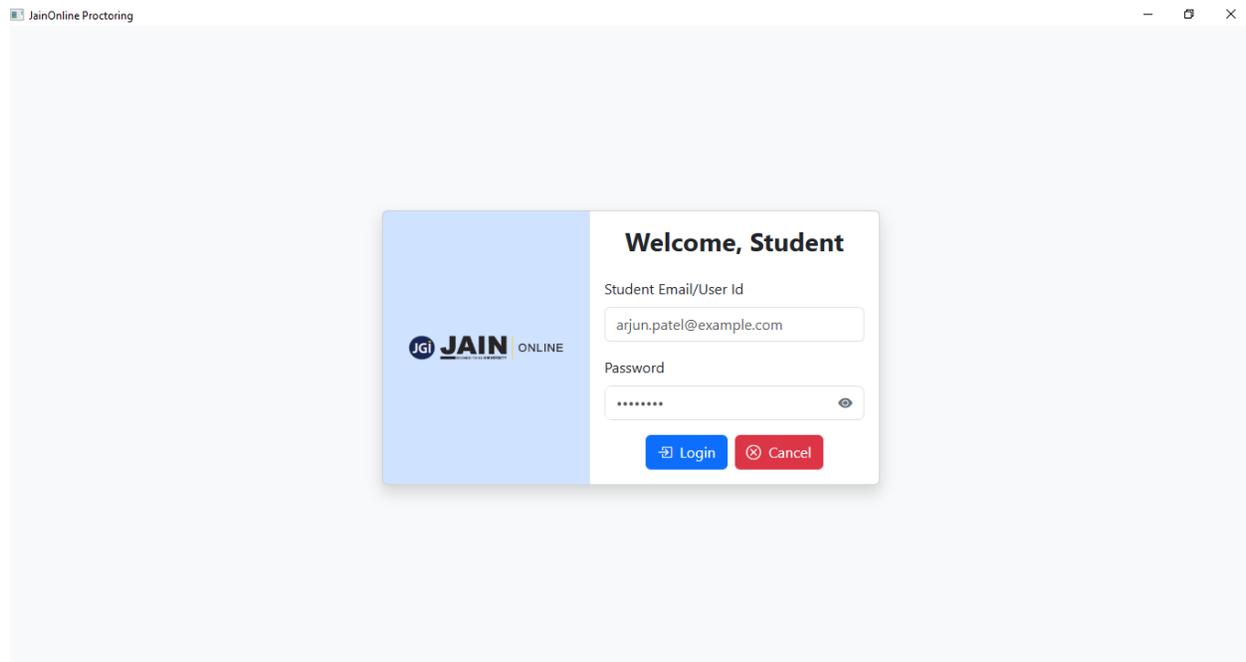
 [Download for Mac](#)

Downloading and Installing the Examination Application

From the dashboard, click the **"EXAM APP DOWNLOAD"** button. You will be given options to download the application for either Windows or Mac.

After downloading the file (Jain Online Proctoring Tool_prod), locate it in your downloads folder and run the application to install it.

Name	Date modified	Type	Size
New folder	8/18/2025 12:35 PM	File folder	
Jain Online Proctoring Tool_prod	8/18/2025 12:32 PM	Application	106,724 KB

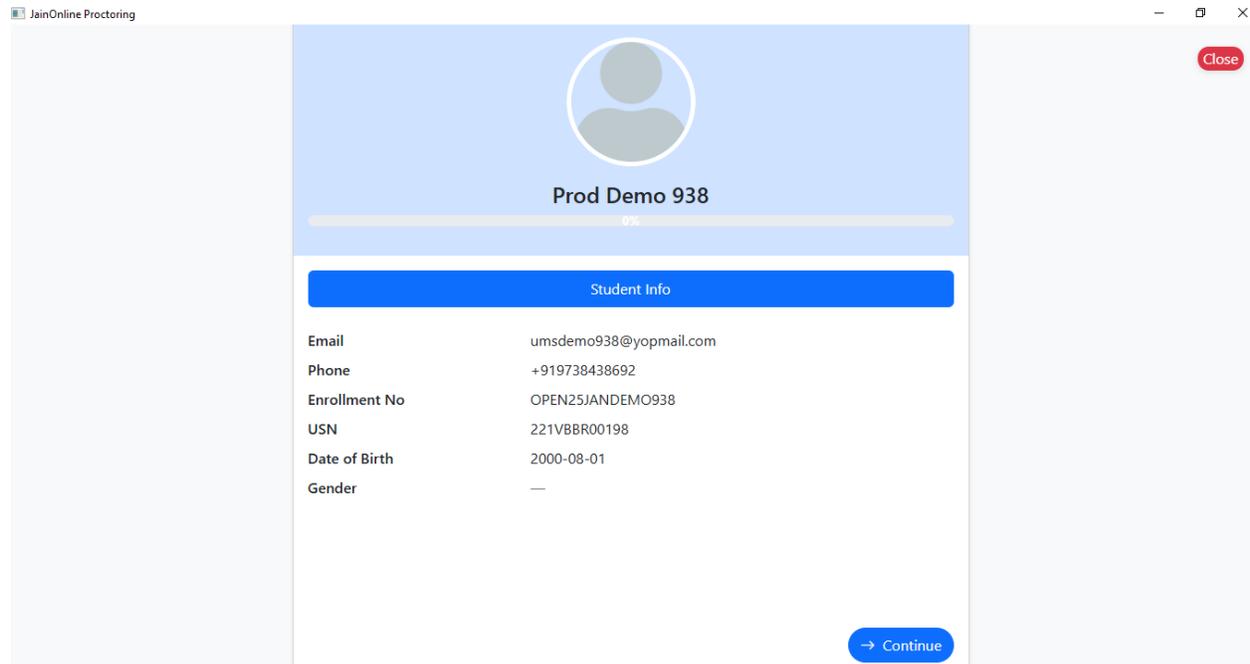


Launching the Proctoring Tool and Completing Pre-Checks

Launch the "Jain Online Proctoring" application.

Logging into the Proctoring Tool

You will be presented with a login screen. Enter your Student Email/User ID and Password to proceed.



Verifying Your Information

The application will display your student information for verification. Ensure all details are correct and click "**Continue**".



Prod Demo 938

System Checks

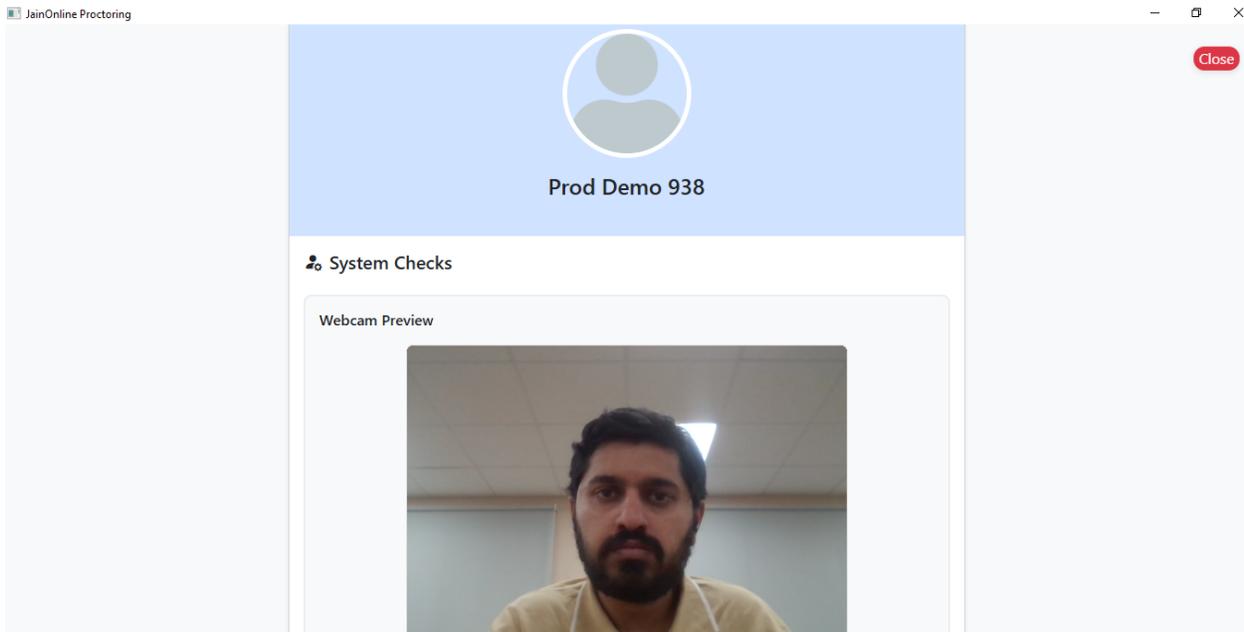
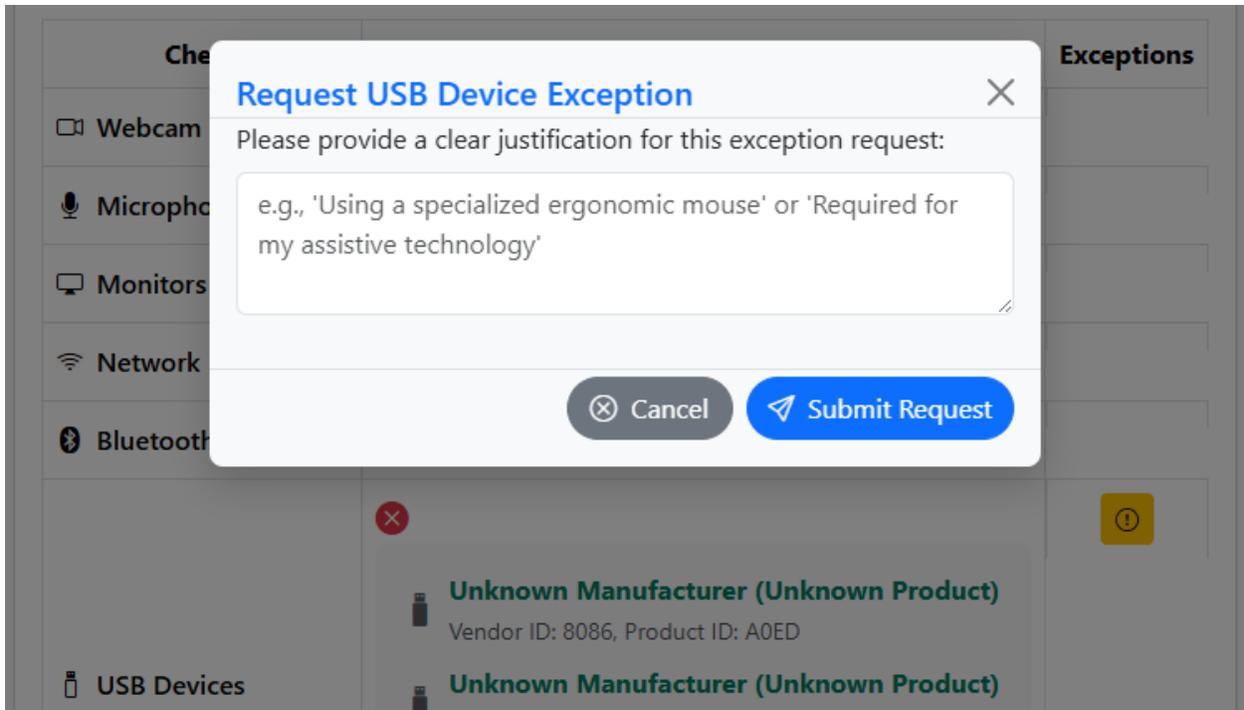
Webcam Preview



Select a camera

Check	Status	Exceptions
Webcam	✗ Camera not ready	
Microphone	✗ Mic not ready	
Monitors	✓	
Network	✓	
Bluetooth	✓	
USB Devices	✗	<div style="border: 1px solid #ccc; padding: 5px;"><p>Unknown Manufacturer (Unknown Product) Vendor ID: 8086, Product ID: A0ED</p><p>Unknown Manufacturer (Unknown Product) Vendor ID: BDA, Product ID: B00C</p><p>Unknown Manufacturer (Unknown Product) Vendor ID: 4F2, Product ID: B6E4</p></div>
Screen Sharing Apps	✓ No screen sharing apps detected	

Refresh Continue



JainOnline Proctoring

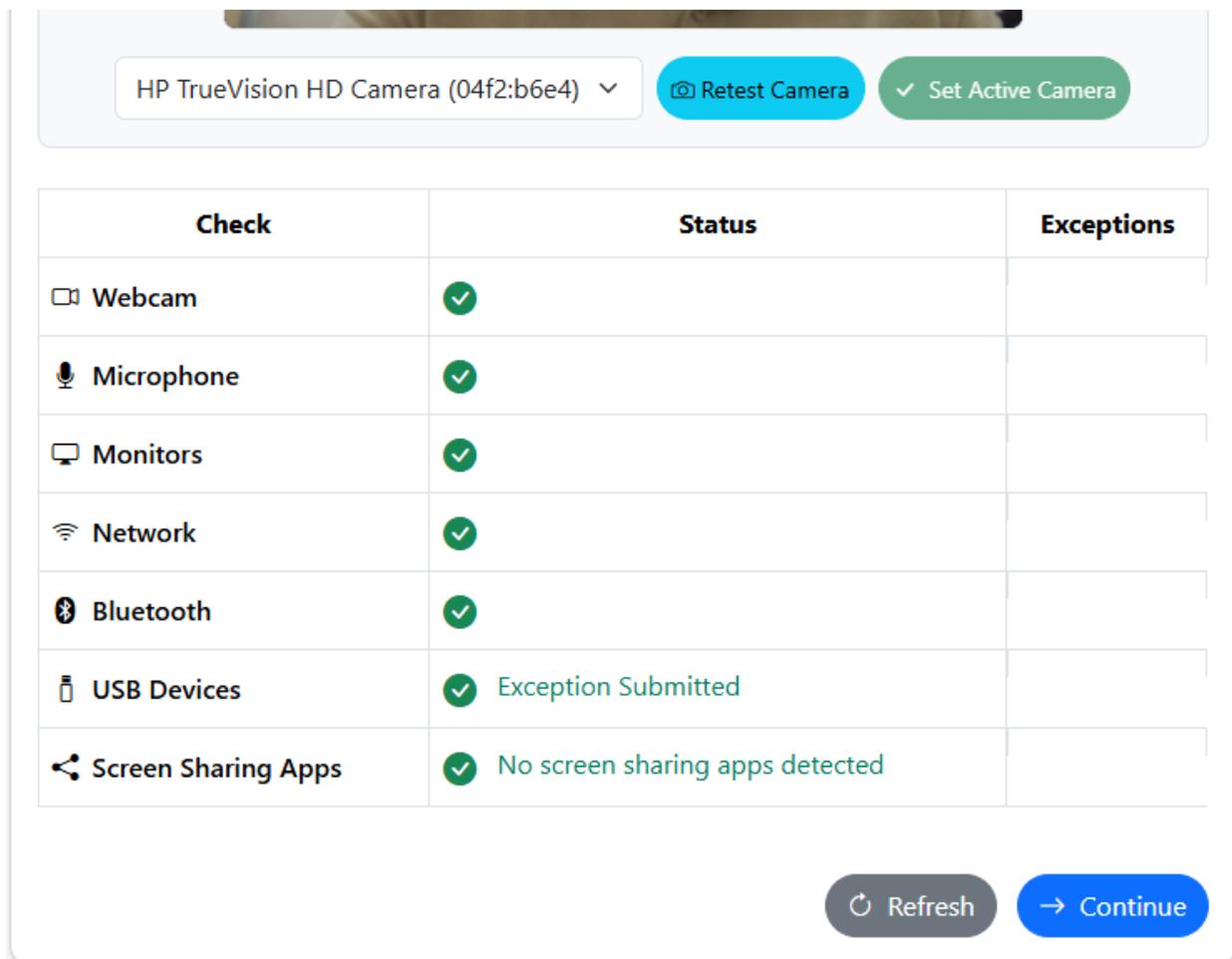
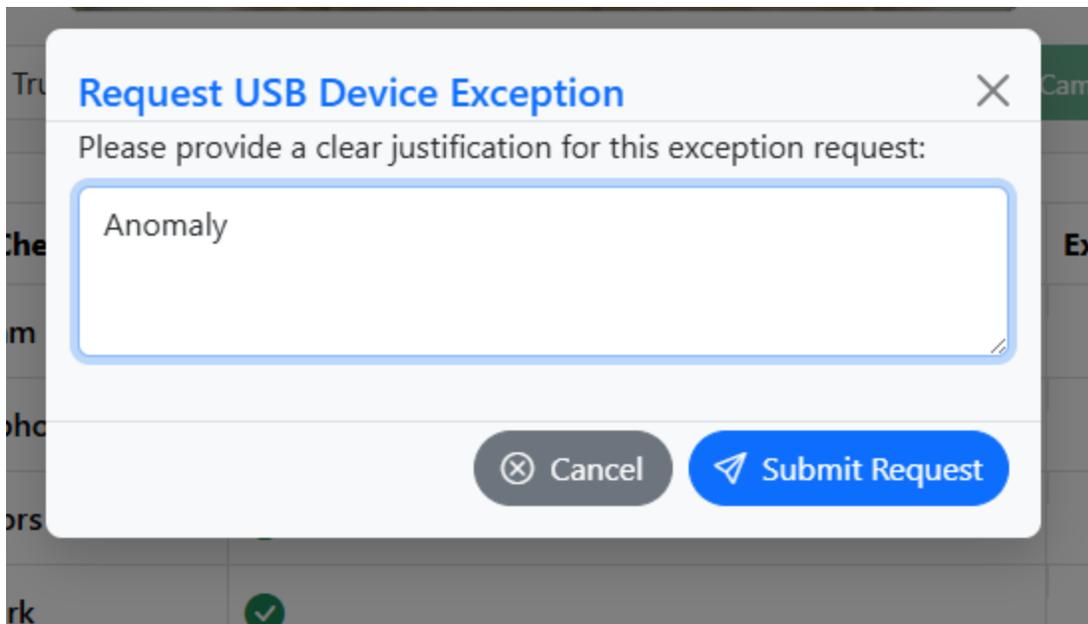
HP TrueVision HD Camera (04f2:b6e4) Retest Camera Set Active Camera Close

Check	Status	Exceptions
Webcam	✓	
Microphone	✓	
Monitors	✓	
Network	✓	
Bluetooth	✓	
USB Devices	✗	<ul style="list-style-type: none"> Unknown Manufacturer (Unknown Product) Vendor ID: 8086, Product ID: A0ED Unknown Manufacturer (Unknown Product) Vendor ID: BDA, Product ID: B00C Unknown Manufacturer (Unknown Product) Vendor ID: 4F2, Product ID: B6E4
Screen Sharing Apps	✓ No screen sharing apps detected	

Camera Setting ✕

Camera set to HP TrueVision HD Camera (04f2:b6e4).

OK



System Checks

The tool will perform a series of automated system checks to ensure your setup is compatible. This includes checks for your Webcam, Microphone, Monitors, Network, Bluetooth, USB Devices, and any Screen Sharing Apps.

Initially, you may see failures, such as "Camera not ready" or "Mic not ready."

To resolve this, select your camera from the dropdown menu. A live preview will appear. Click "**Set Active Camera**".

A confirmation pop-up will appear once the camera is set successfully.

If any unauthorized USB devices are detected, you must request an exception. Click the yellow warning icon.

Provide a clear justification for why the device is connected (e.g., "Anomaly," "Ergonomic mouse") and click "**Submit Request**".

Once all checks have passed and exceptions are submitted, you will see green checkmarks next to all items. You can then click "**Continue**".

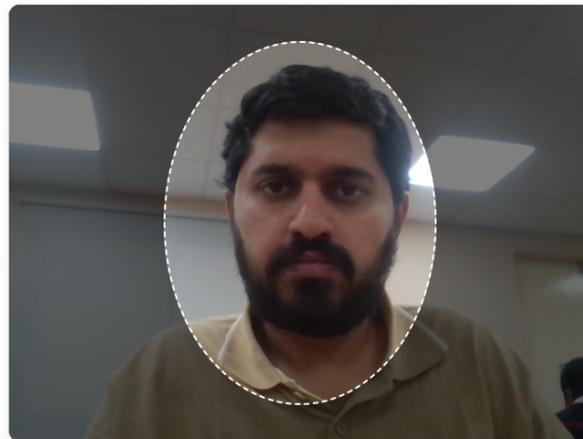
Face Registration

Please position your face within the oval and ensure the photo is clear for identity verification.

Close



✓ Ready to capture.



✓ Ready to capture.

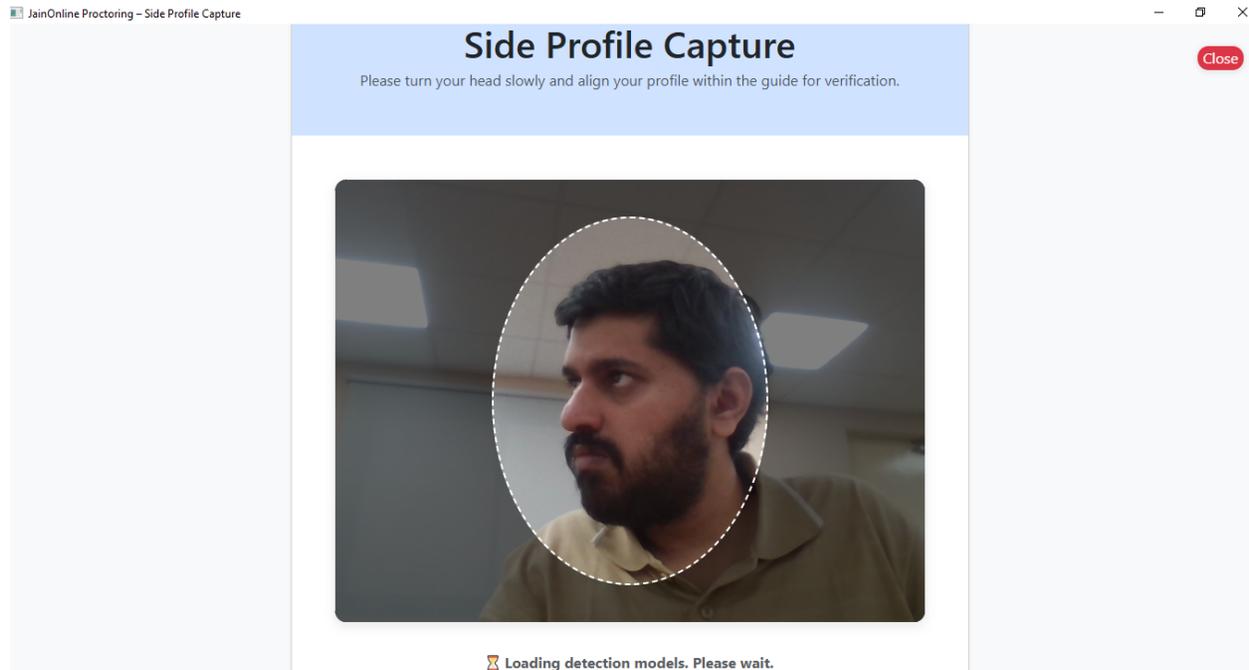
📷 Capture Photo

Close

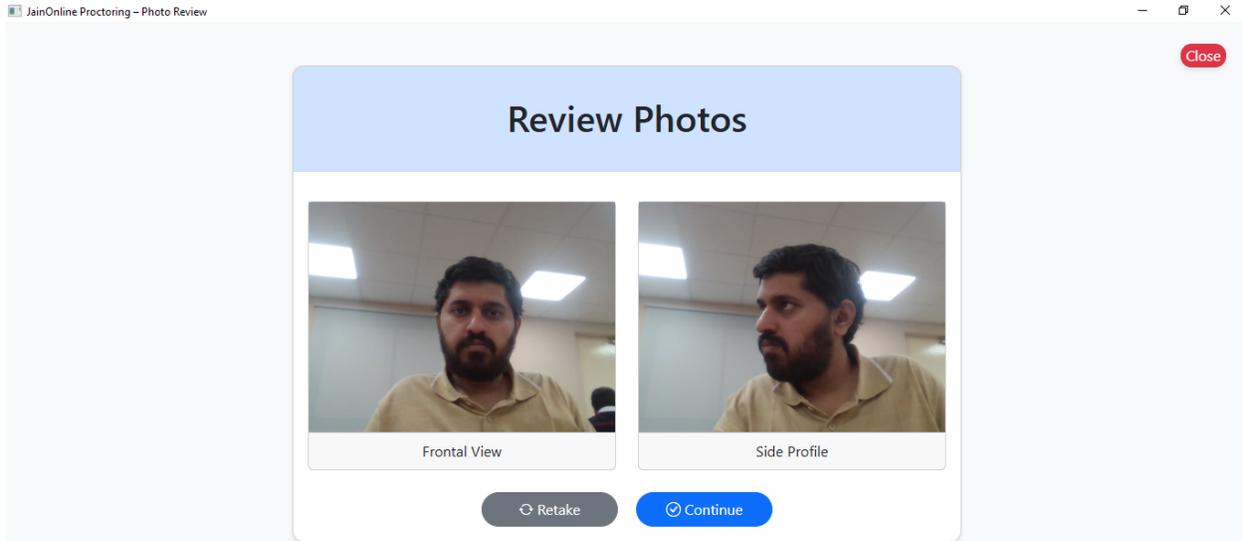
Identity Verification

The next step is to verify your identity through photo capture.

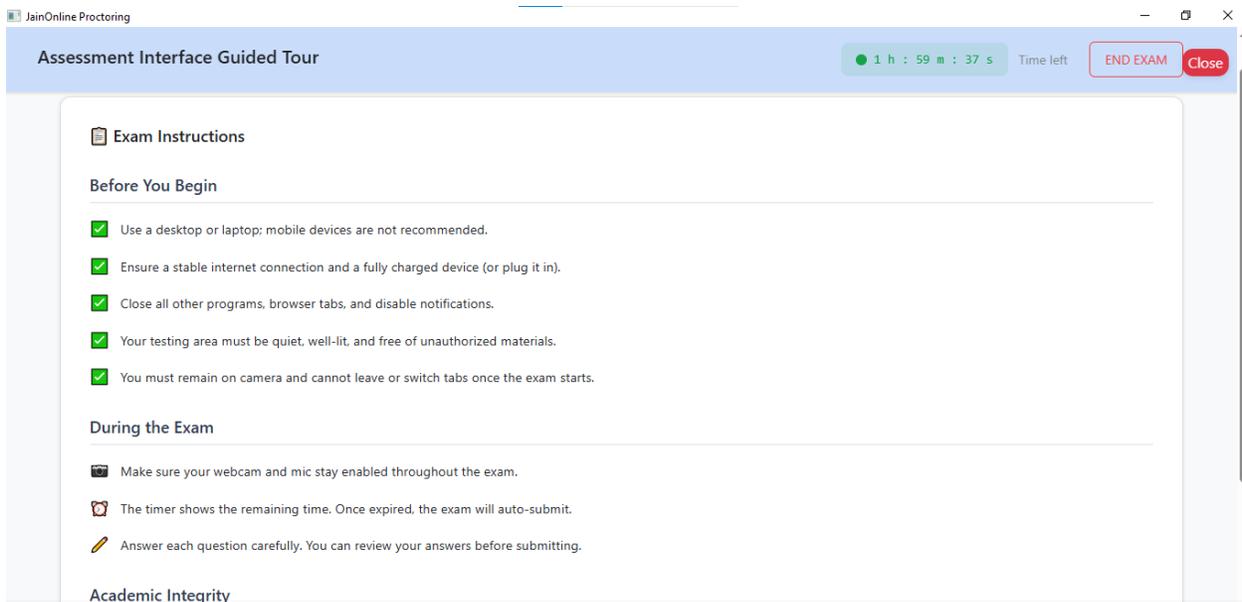
- **Face Registration:** Position your face within the oval guide and click "**Capture Photo**" when ready.



Side Profile Capture: You will then be asked to turn your head slowly to capture a side profile for verification.



Review Photos: Review the captured frontal and side profile images. If they are not clear, you can "**Retake**" them. Otherwise, click "**Continue**".



Academic Integrity

- Communicating with others in any form during the exam is strictly prohibited.
- Unauthorized resources (notes, devices, online tools) are not allowed.
- Violations may result in exam termination and disciplinary action.

Continue

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 59 m : 34 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER PREVIOUS NEXT

Exam Interface Tour

Take a quick tour to get you familiar with the interface.

Skip Start Tour

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 58 m : 01 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

Exam Interface

This is the complete exam interface, including the header, timer, questions, and controls.

1 of 9

Back Next

NEXT

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 57 m : 31 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

Timer

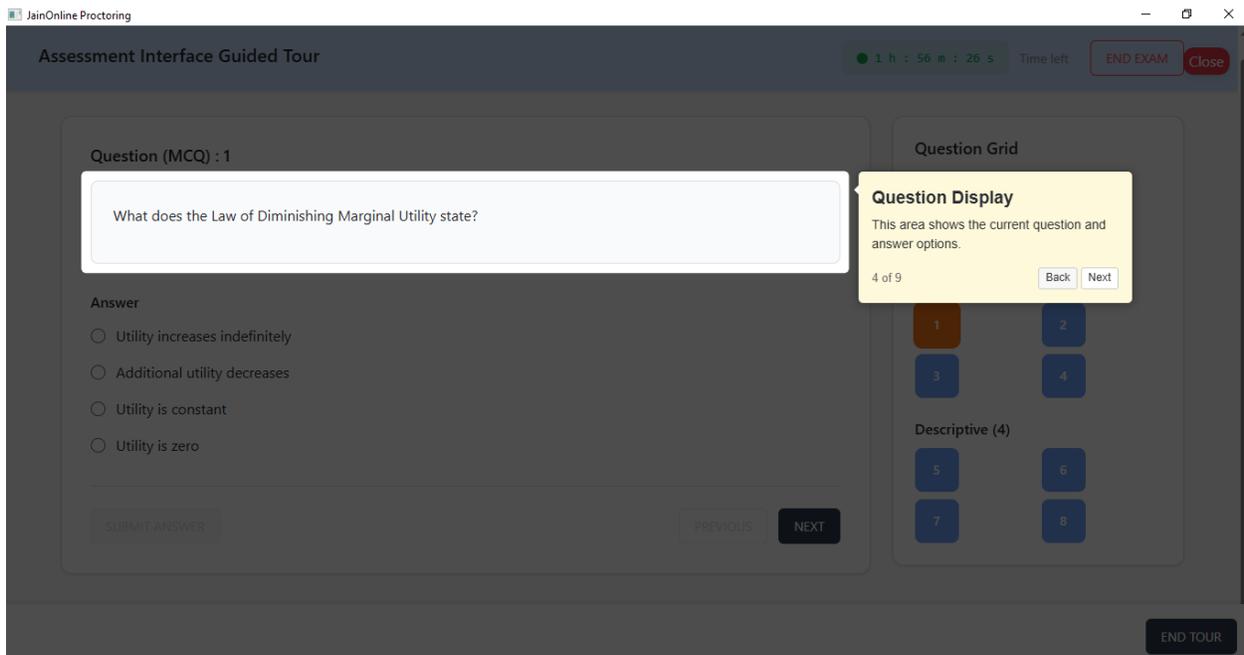
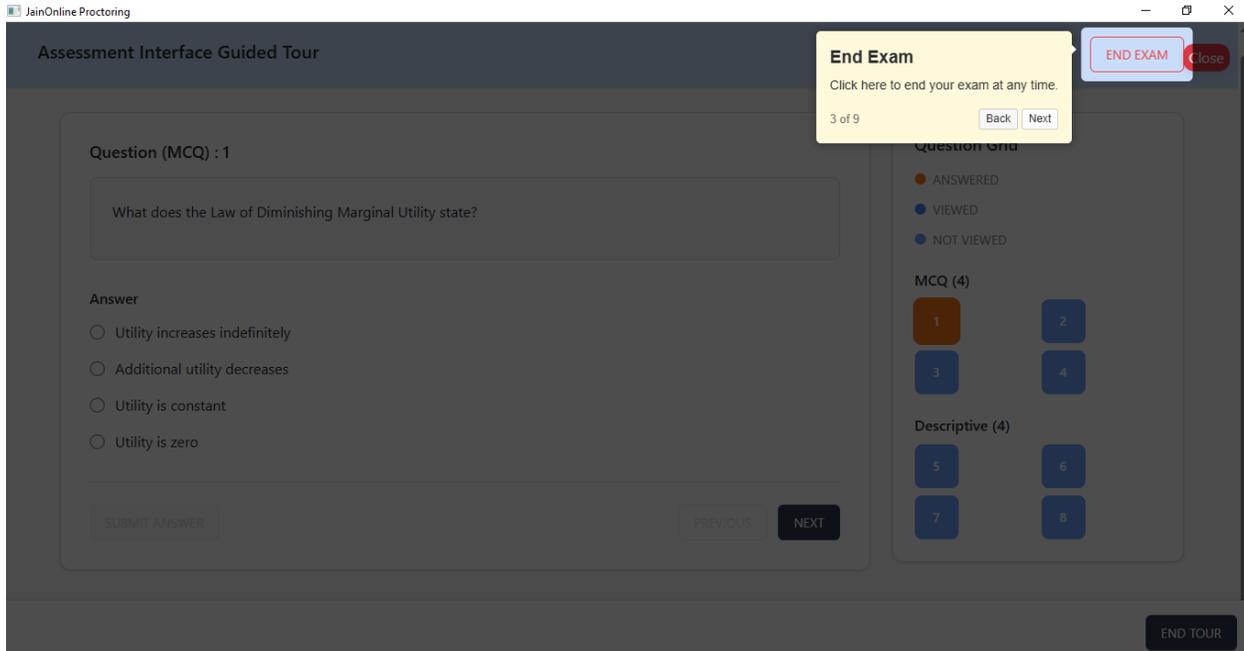
Shows the remaining time for your exam.

2 of 9

Back Next

PREVIOUS NEXT

END TOUR



JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 55 m : 47 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER PREVIOUS NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

5 6

7 8

MCQ Options

Select the correct answer for multiple-choice questions here.

5 of 9 Back Next

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 55 m : 14 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER PREVIOUS NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1 2

3 4

Descriptive (4)

5 6

7 8

Question Controls

Submit your answer and navigate between questions using these buttons.

6 of 9 Back Next

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 54 m : 32 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER PREVIOUS NEXT

Question Grid

Quickly jump to any question and see its status (answered, viewed, not viewed).

7 of 9 Back Next

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1 2

3 4

Descriptive (4)

5 6

7 8

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 54 m : 04 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER PREVIOUS NEXT

Status Legend

This indicates the meaning of each question status color.

8 of 9 Back Next

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1 2

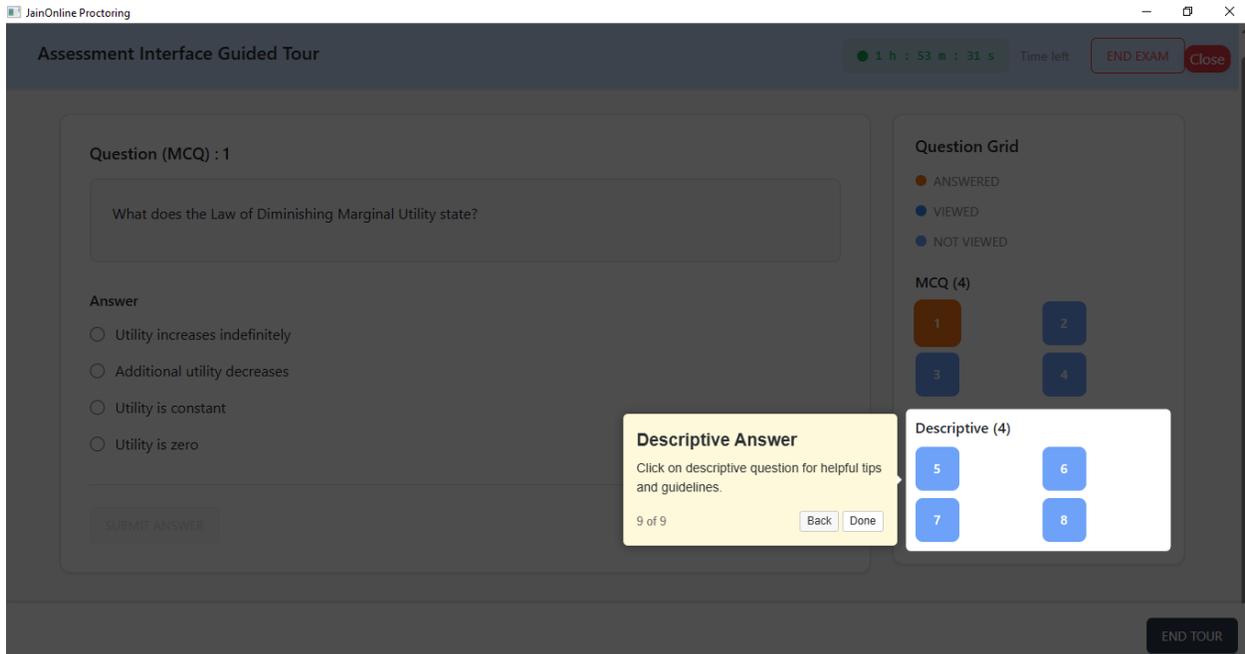
3 4

Descriptive (4)

5 6

7 8

END TOUR



Understanding the Examination Interface

Before starting the exam, you will be shown the exam instructions and offered a guided tour of the interface.

Exam Instructions

Read the instructions carefully. They cover rules for before you begin (e.g., use a desktop/laptop, ensure stable internet) and during the exam (e.g., webcam must stay on, adhere to academic integrity).

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER

PREVIOUS

NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

END TOUR

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER

PREVIOUS

NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 51 m : 12 s Time left

END EXAM Close

Question (MCQ) : 1

What does the Law of Diminishing Marginal Utility state?

Answer

- Utility increases indefinitely
- Additional utility decreases
- Utility is constant
- Utility is zero

SUBMIT ANSWER

PREVIOUS NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1 2

3 4

Descriptive (4)

5 6

7 8

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 49 m : 58 s Time left

END EXAM Close

Question (Descriptive) : 5

Descriptive question 5: Explain the concept in detail based on the given scenario.

Answer

Type your answer below or upload a handwritten script

UPLOAD

Type your answer here

SUBMIT ANSWER

PREVIOUS NEXT

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1 2

3 4

Descriptive (4)

5 6

7 8

Descriptive Question

This is the section where you will type your answer for descriptive questions. You can use this area to write your response in detail.

← Previous Next →

7 8

END TOUR

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 49 m : 31 s Time left END EXAM Close

Question (Descriptive) : 5

Descriptive question 5: Explain the concept in detail based on the given scenario.

Answer

Type: **Upload Script**
Click here to upload a handwritten answer script.

← Previous Next →

Question Grid

- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4

Descriptive (4)

5	6
7	8

JainOnline Proctoring

Assessment Interface Guided Tour

1 h : 49 m : 03 s Time left END EXAM Close

Question (Descriptive) : 5

Descriptive question 5: Explain the concept in detail based on the given scenario.

Answer

Type your answer below or upload a handwritten script.

Type your answer here

Question Grid

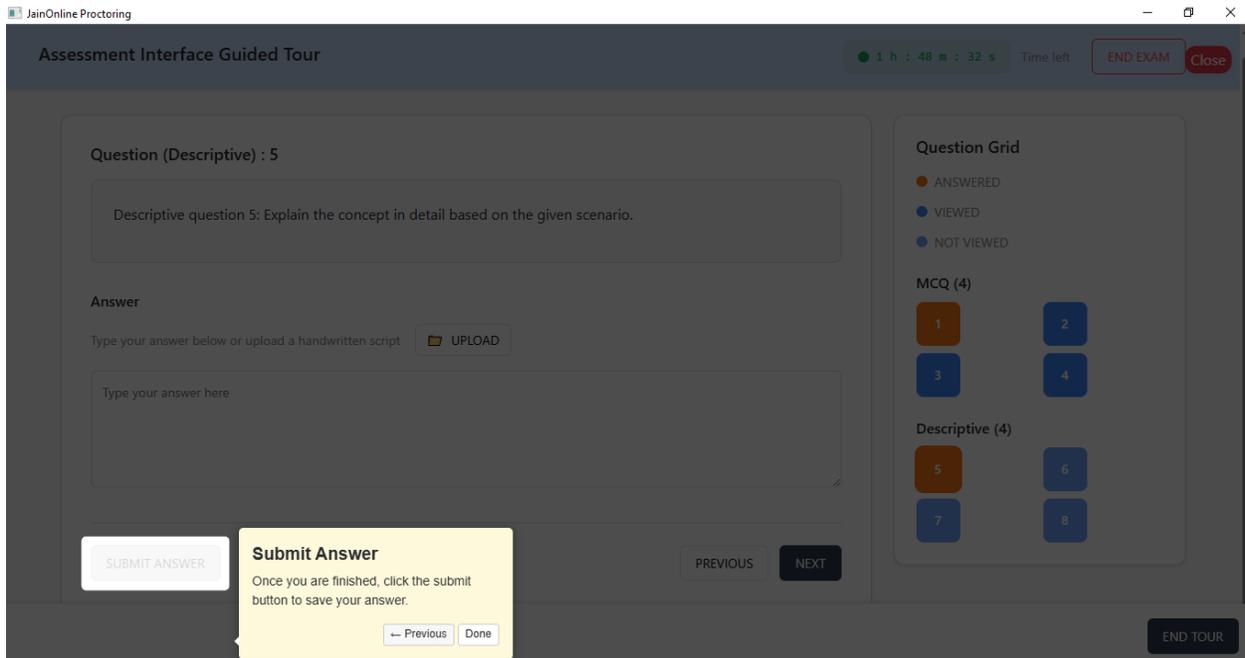
- ANSWERED
- VIEWED
- NOT VIEWED

MCQ (4)

1	2
3	4
5	6
7	8

Answer Text Area
Type your detailed answer here.

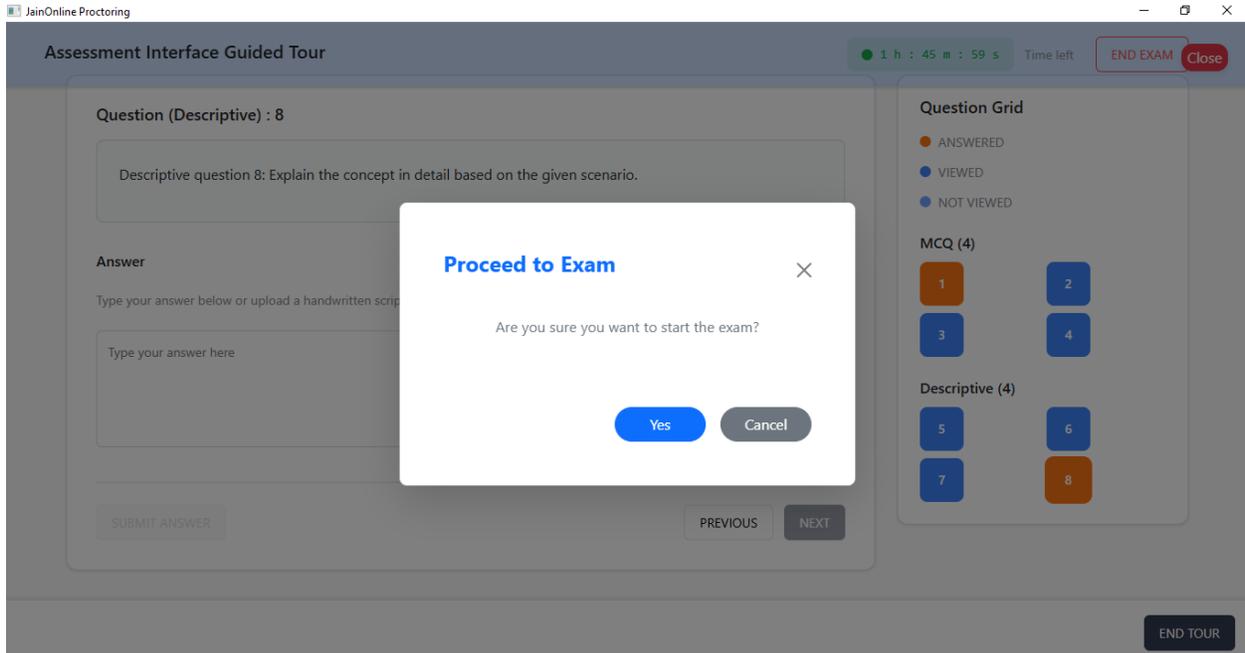
← Previous Next →



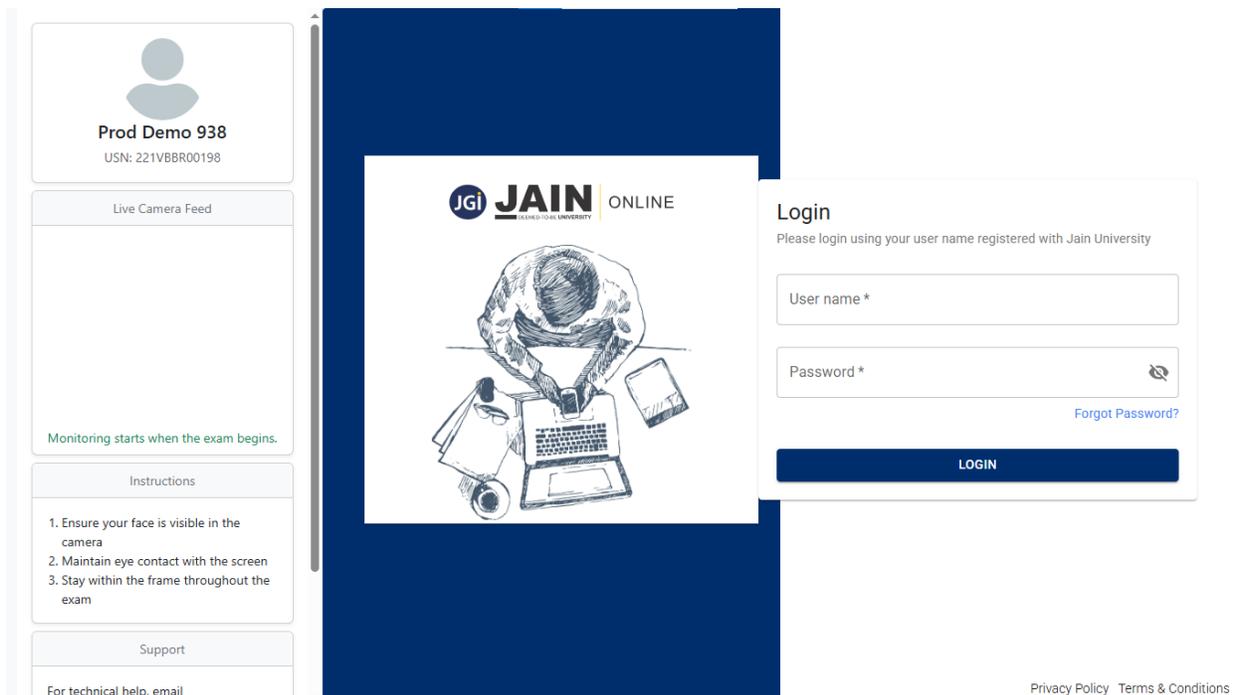
Interface Guided Tour

You can take a quick tour to familiarize yourself with the layout. The tour will highlight key features:

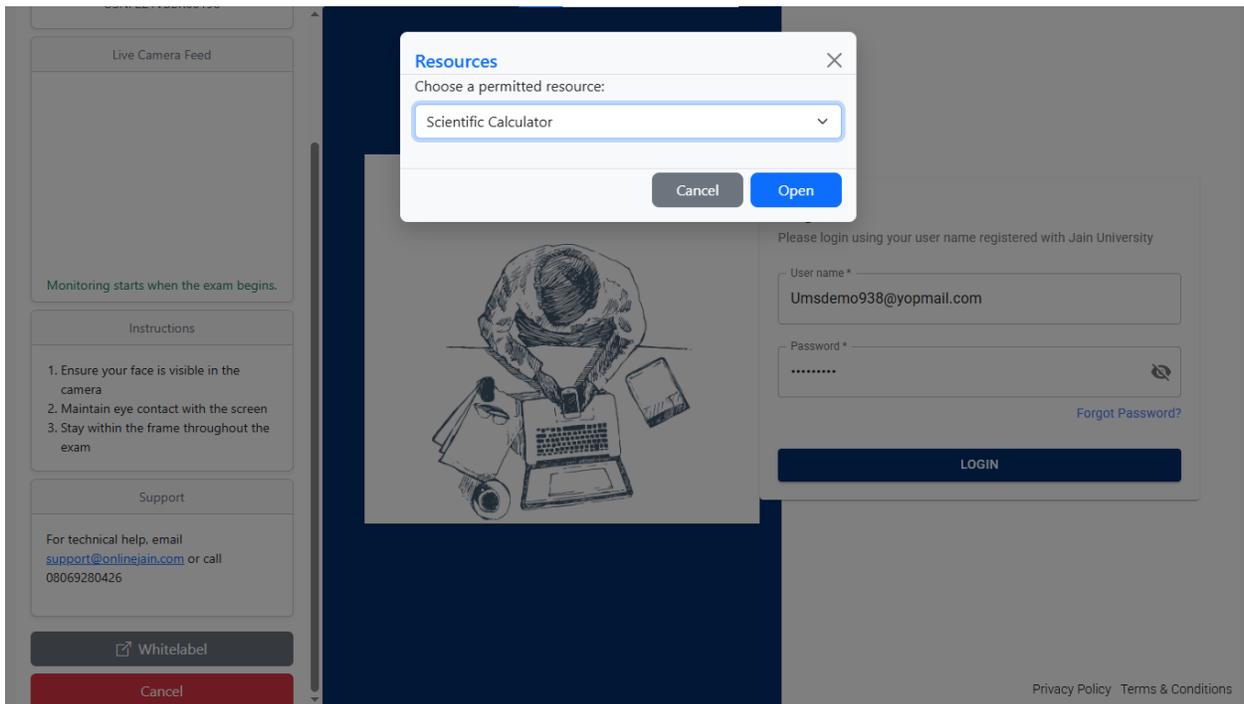
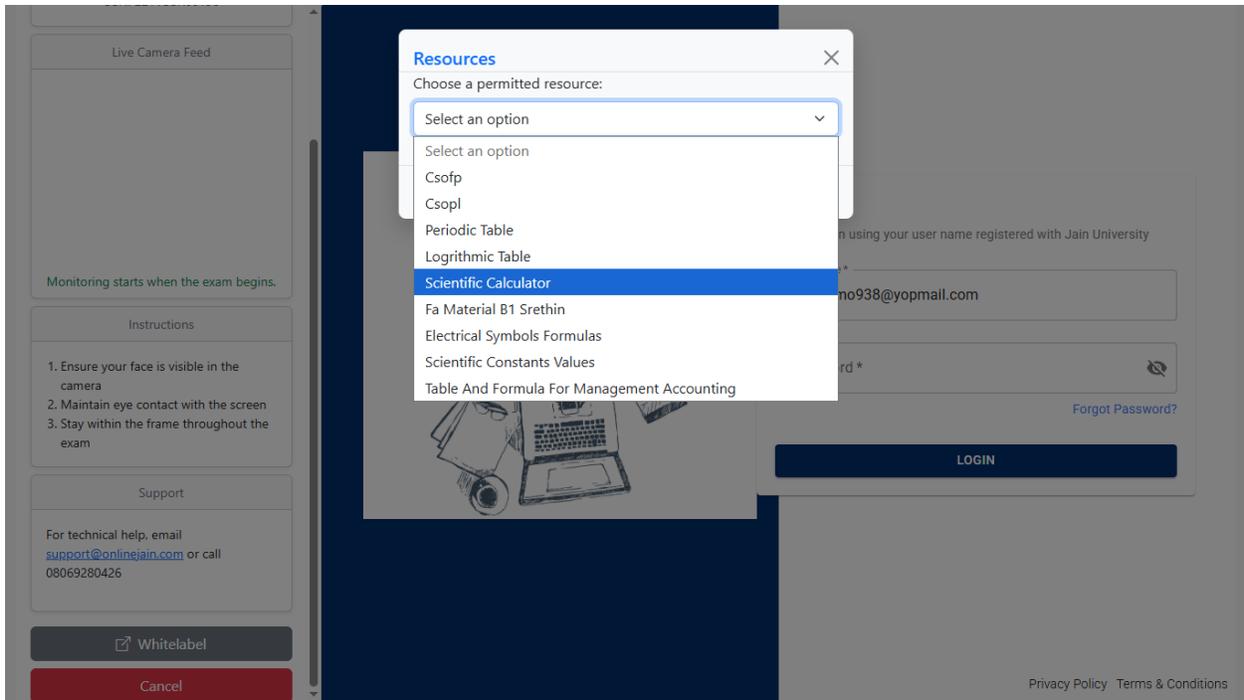
- The complete exam interface.
- The **Timer**, showing remaining time.
- The **End Exam** button.
- The **Question Display** area.
- **MCQ Options** for multiple-choice questions.
- **Question Controls** (Previous/Next).
- The **Question Grid** for navigating between questions.
- The **Status Legend** (Answered, Viewed, Not Viewed).
- The **Descriptive Answer** section.



Once the tour is complete, or if you choose to skip it, you will be asked to confirm that you are ready to start the exam. Click **"Yes"** to proceed.



NOTE: In some cases, the above screen may not appear if the system did an auto-login and may skip this section. If you are prompted for the Login like above again do use the UMS provided credentials to login.



Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

Desmos | Scientific Calculator

main abc func RAD DEG clear all

a^2	a^b	$ a $	7	8	9	\div	%	$\frac{a}{b}$
$\sqrt{\quad}$	$\sqrt[n]{\quad}$	π	4	5	6	\times	\leftarrow	\rightarrow
sin	cos	tan	1	2	3	$-$	\leftarrow	\rightarrow
()	,	0	.	ans	$+$	\leftarrow	

Registered with Jain University

Forgot Password?

Privacy Policy Terms & Conditions

Prod Demo 938
USN: 221VBBR00198

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email

Kindly note that the End Semester Examination has started from April 4, 9:00 AM. Always ensure you are downloading the exam application before starting EVERY exam, as the application gets auto updated for security reasons.

23VMT0C102 Computing Concepts and Problem Solving using C

MOCK START EXAM CAMERA PREVIEW

23VMT0C104 Data Structures

MOCK START EXAM CAMERA PREVIEW

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

⚠ Kindly note that the End Semester Examination has started from April 4, 9:00 AM. Always ensure you are downloading the exam application before starting EVERY exam, as the application gets auto updated for security reasons.

23VMT0C102 Computing Concepts and Problem Solving using C

MOCK
START EXAM
CAMERA PREVIEW

23VMT0C104 Data Structures

MOCK
START EXAM
CAMERA PREVIEW

Prod Demo 938

USN: 221VBRR00198

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

⚠ Kindly note that the End Semester Examination has started from April 4, 9:00 AM. Always ensure you are downloading the exam application before starting EVERY exam, as the application gets auto updated for security reasons.

23VMT0C102 Computing Concepts and Problem Solving using C

MOCK
START EXAM
CAMERA PREVIEW

23VMT0C104 Data Structures

Camera Preview

Camera

HP TrueVision HD Camera (04f2:b6e4) ▾



Prod Demo 938
USN: 221VBBR00198

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email

Welcome to JAIN Online Mock Exam ✕



Start : Aug 09 2025 / End : Aug 20 2025
 Time Zone : India Standard Time (IST)
 Duration : 200 minutes
 Negative Marking : No

Multiple Choice Questions	Descriptive Questions
Question Type : MCQ	Question Type : DESCRIPTIVE
Questions Count : 50	Questions Count : 5
Total Marks for Multiple Choice Questions: 50	Total Marks for Descriptive Questions: 20
Attempt all the questions	Attempt any 4 out of 5

CANCEL
PROCEED

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

Welcome to JAIN Online Mock Exam ✕

Mock Exam Instructions

This is a mock exam. This is meant to provide you with an opportunity to get familiar with the exam environment, the tool, and the nature of attempting questions of Part A and Part B.

Exam Structure

There are 2 parts in the exam. You can attempt any of the 2 parts in any sequence. You can even skip between Part A and Part B.

Part A - Multiple Choice Questions (MCQs)

Part A consists of **50 MCQs**. You are required to attempt all 50 questions.

- A correct answer in 1 MCQ will fetch **1 mark**.

CANCEL
PROCEED

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

×

Welcome to JAIN Online Mock Exam

- A correct answer in 1 MCQ will fetch **1 mark**.
- An incorrect answer will fetch **0 marks**.
- An unattempted question will also fetch **0 marks**.
- There is **no negative marking**.

You can answer the 50 MCQs in any order. Just make sure that you **'Submit'** your answer for each one of the MCQs.

Part B - Descriptive Questions

Part B consists of **5 questions** that require descriptive answers. You are required to attempt **any 4 questions**.

- You must write the answer on a pre-printed template.
- Ensure that you have sufficient answer sheets and pens available.

CANCEL PROCEED

Prod Demo 938

USN: 221VBRR00198

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email

×

Welcome to JAIN Online Mock Exam

- Ensure that you have sufficient answer sheets and pens available.
- Once you have written an answer, you can **'Upload'** it by clicking the corresponding button.

When you have completed Part A and Part B, you must click on the **'End Exam'** button.

AI Proctoring

The AI proctoring system will:

- Record your screen, the area in front of your camera, and sounds from your microphone continuously.
- Detect and record potential violations dynamically.
- Not interrupt your exam despite violations.

CANCEL PROCEED



Prod Demo 938
USN: 221VBRR00198

Live Camera Feed

Monitoring starts when the exam begins.

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

Welcome to JAIN Online Mock Exam

- Record your screen, the area in front of your camera, and sounds from your microphone continuously.
- Detect and record potential violations dynamically.
- Not interrupt your exam despite violations.

After the exam, all recorded evidence will be reviewed by authorities. If intentional cheating is detected, strict disciplinary action will be taken.

Technical Issues

If there are unforeseen interruptions due to power or network failures, you will have **one more opportunity** to take the exam.

It is your responsibility to take the exam in a stable environment to minimize such risks.

I have read and understood the instructions and ready to take the exam

CANCEL PROCEED



Prod Demo 938
USN: 221VBRR00198

Live Camera Feed



Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

Mock Exam

Course Code - 23VMT0C104 Course Name - Data Structures

Question (Multiple Choice Questions) : 1 3 h : 19 m : 26 s Time left END EXAM

Which of the following best describes pass by reference and pass by value?

Answer

- Pass by reference allows modifying the original variable, while pass by value works on a copy.
- Pass by reference creates a new variable.
- Pass by value and pass by reference behave identically.
- Pass by value modifies the original variable.

Question Grid

● ANSWERED ● VIEWED ● NOT VIEWED

Multiple Choice Quest

1	2
3	4
5	6
7	8
9	10
11	12

Live Camera Feed



Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Pass by reference allows modifying the original variable, while pass by value works on a copy.

Pass by reference creates a new variable.

Pass by value and pass by reference behave identically.

Pass by value modifies the original variable.

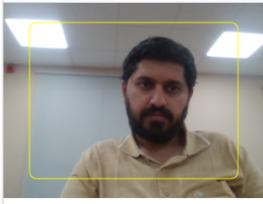
SUBMIT ANSWER < PREVIOUS NEXT >

1	2
3	4
5	6
7	8
9	10
11	12
13	14

Descriptive Questions

1	2
3	4
5	

Live Camera Feed



Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

Data Structures

Question (Multiple Choice Questions) : 1 ⌚ 8 h : 15 m : 7 s Time left ⚡ END EXAM

Which of the following best describes pass by reference and pass by value?

Answer

Pass by reference allows modifying the original variable, while pass by value works on a copy.

Pass by reference creates a new variable.

Pass by value and pass by reference behave identically.

Pass by value modifies the original variable.

SUBMIT ANSWER < PREVIOUS NEXT >

Question Grid

● ANSWERED ● VIEWED ● NOT VIEWED

Multiple Choice Quest

1	2
3	4
5	6
7	8
9	10
11	12
13	14



Prod Demo 938
USN: 221VBBR00198

Live Camera Feed



✔ Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

Question (Multiple Choice Questions) : 2
3 h : 13 m : 3 s
Time left
END EXAM

Identify the key difference between pass by reference and pass by value.

Answer

- Pass by reference passes the address, while pass by value passes a copy.
- Pass by value sends the memory location.
- Pass by reference and pass by value are the same.
- Pass by value modifies the original variable directly.

SUBMIT ANSWER
< PREVIOUS
NEXT >

Question Grid

● ANSWERED ● VIEWED ● NOT VIEWED

Multiple Choice Quest

1	2
3	4
5	6
7	8
9	10
11	12
13	14

Descriptive Questions

1	2
---	---



Prod Demo 938
USN: 221VBBR00198

Live Camera Feed



✔ Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email

Mock Exam

Course Code - 23VMT0C104 Course Name -
Data Structures

Question (Descriptive Questions) : 1
3 h : 10 m : 31 s
Time left
END EXAM

Evaluate the real-world applications of Circular Linked Lists and propose an optimized implementation for efficient traversal.

Answer

Type your answer below or upload a handwritten script

UPLOAD

Type your answer here

Question Grid

● ANSWERED ● VIEWED ● NOT VIEWED

Multiple Choice Quest

33	34
37	38
39	40
41	42
43	44
45	46



Prod Demo 938
USN: 221VBRR00198

Live Camera Feed



Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

Data Structures

Question (Descriptive Questions) : 1 3 h : 9 m : 18 s Time left END EXAM

Evaluate the real-world applications of Circular Linked Lists and propose an optimized implementation for efficient traversal.

Answer

Type your answer below or upload a handwritten script

UPLOAD

Type your answer here

Circular linked lists

SUBMIT ANSWER < PREVIOUS NEXT >

Question Grid

ANSWERED VIEWED NOT VIEWED

Multiple Choice Quest

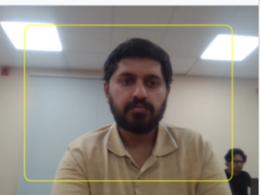
35	36
37	38
39	40
41	42
43	44
45	46
47	48

Descriptive Questions



Prod Demo 938
USN: 221VBRR00198

Live Camera Feed



Monitoring in progress...

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

Data Structures

Question (Descriptive Questions) : 1 3 h : 2 m : 49 s Time left END EXAM

Evaluate the real-world applications of Circular Linked Lists and propose an optimized implementation for efficient traversal.

Answer

Type your answer below or upload a handwritten script

UPLOAD 

Type your answer here

Circular linked lists

SUBMIT ANSWER < PREVIOUS NEXT >

Question Grid

ANSWERED VIEWED NOT VIEWED

Multiple Choice Quest

35	36
37	38
39	40
41	42
43	44
45	46
47	48

Descriptive Questions

1	2
---	---

During the Mock Exam

The proctoring tool is now active, and monitoring begins. Your live camera feed will be visible on the left side of the screen.

Answering Multiple Choice Questions (MCQs)

Read the question and select your chosen answer from the options provided. After selecting an answer, click **"SUBMIT ANSWER"**. The corresponding number in the Question Grid on the right will change color to indicate it has been answered. Use the **"NEXT"** button to move to the next question.

Answering Descriptive Questions

For descriptive questions, you have two options:

1. **Type your answer** directly into the text box provided.
2. **Upload a handwritten script** by clicking the **"UPLOAD"** button.

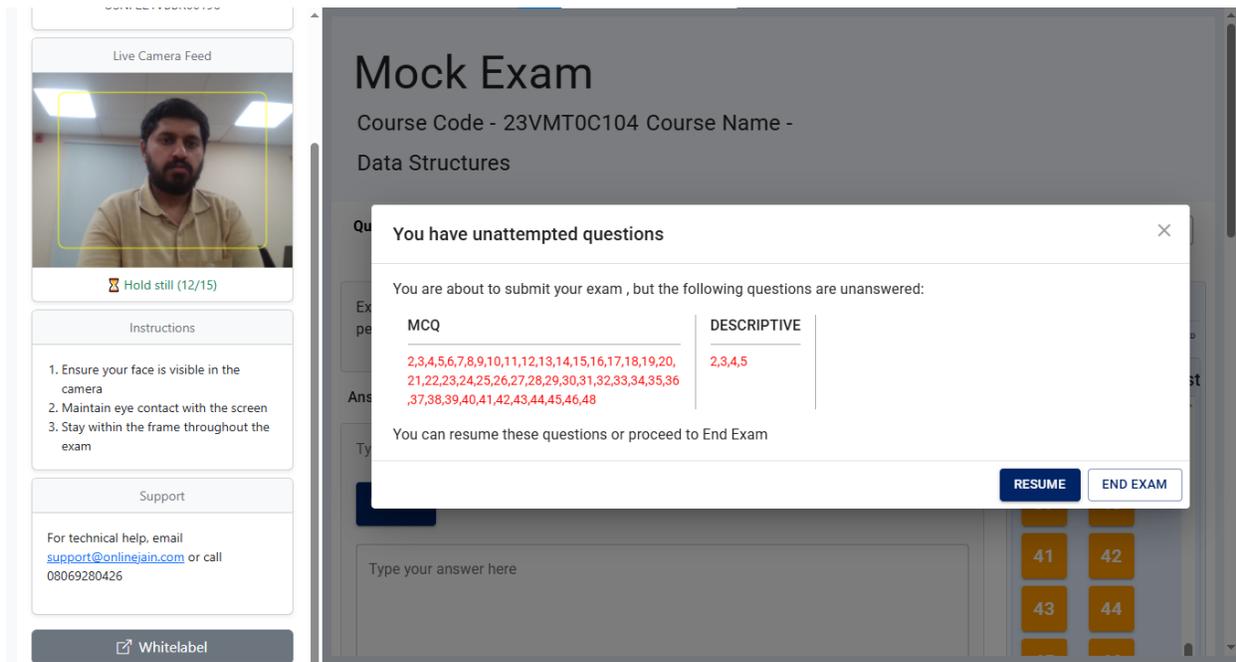
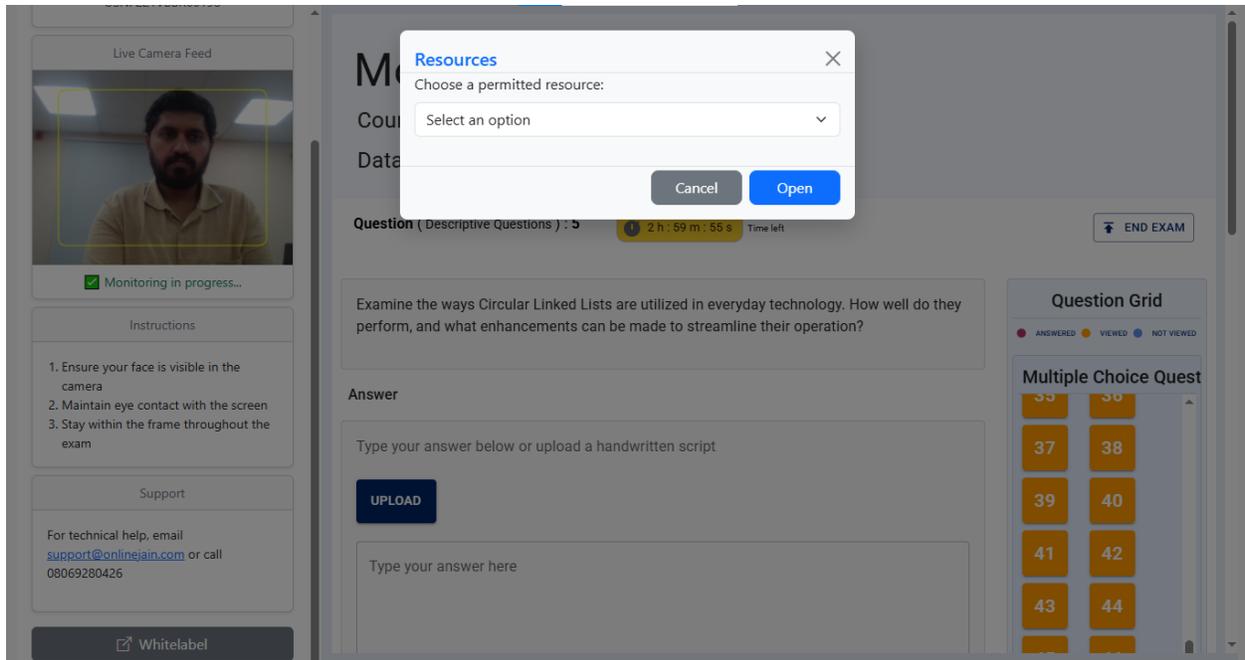
To upload, you will need to capture a photo of your handwritten answer sheet (using the downloaded template).

- Click **"CAPTURE PHOTO"**.
- A new window will open for you to take the picture.
- You can then **crop the image** to ensure it is clear and legible.
- Click **"CROP / APPROVE IMAGE"** to finalize.

The uploaded image will appear in the answer area. Click **"SUBMIT ANSWER"**.

Using Permitted Resources

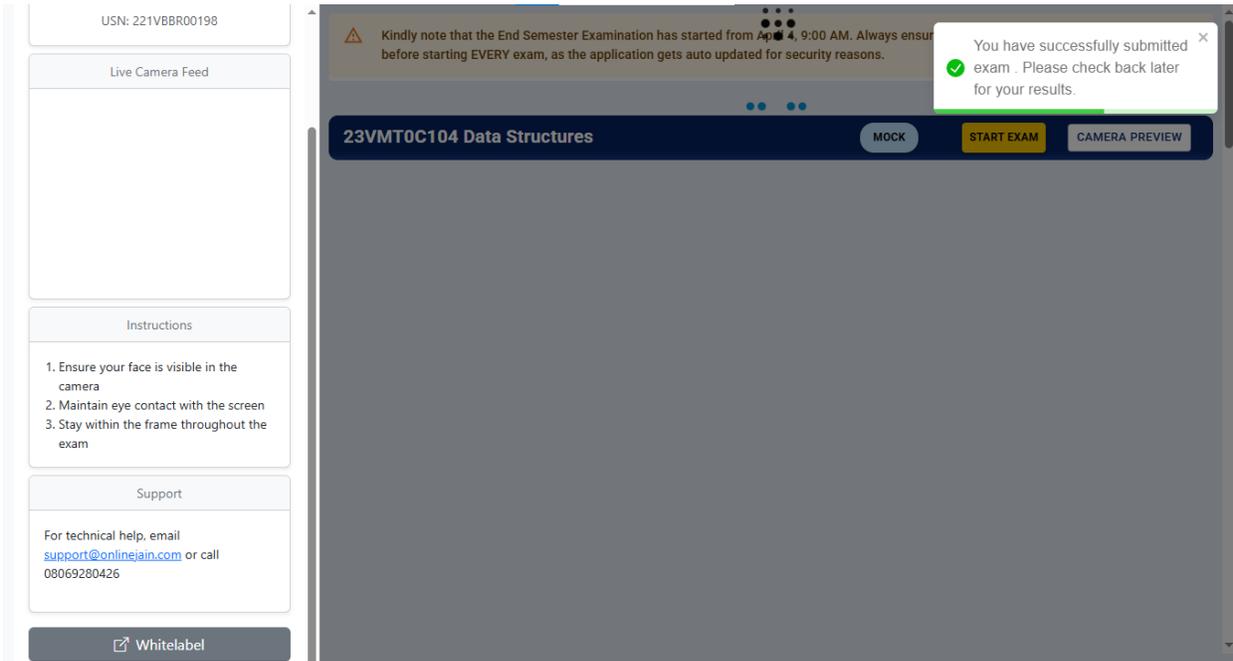
If certain resources are permitted for your exam (e.g., a Scientific Calculator), a "Resources" button will be available. Clicking this allows you to select and open the tool in a new window.



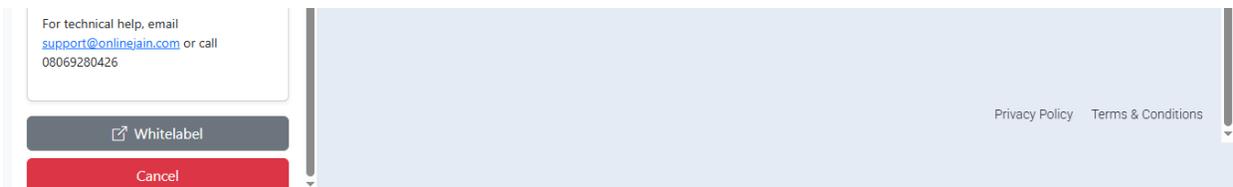
Submitting Your Exam

Once you have answered all questions, click the **"END EXAM"** button at the top right.

If you have any unattempted questions, a warning will appear, listing the question numbers. You can either **"RESUME"** the exam to answer them or click **"END EXAM"** to proceed with submission.



Upon successful submission, a confirmation message will appear.



USN: 221VBBR00198

Live Camera Feed

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Privacy Policy

This Privacy Policy describes how **JAIN (Deemed-to-be University)** ("we," "us," or "our") collects, uses, and discloses information obtained from users of the Learning Management System (LMS). By accessing or using the LMS, you consent to the collection, use, and disclosure of your information as described in this Privacy Policy.

Information Collection and Use

We may collect personal information such as your name, email address, and other relevant details when you register for an account on the LMS. We use this information to provide you with access to the LMS and its features, communicate with you, and improve our services.

Log Data

We may also collect information that your browser sends whenever you visit the LMS ("Log Data"). This Log Data may include information such as your computer's Internet Protocol ("IP") address, browser type, browser version, the pages of the LMS that you visit, the time and date of your visit, the time spent on those pages, and other statistics. We use this information to analyze trends, administer the site, track users' movements around the site, and gather demographic information.

Cookies

We use cookies to collect information and improve our services. You can instruct your browser to refuse all cookies or to indicate when a cookie is being sent. However, if you do not accept cookies, you may not be able to use some portions of the LMS.

Third-Party Services

We may use third-party services such as analytics tools to help us analyze how

Policy Terms & Conditions

OK

USN: 221VBBR00198

Live Camera Feed

Instructions

1. Ensure your face is visible in the camera
2. Maintain eye contact with the screen
3. Stay within the frame throughout the exam

Support

For technical help, email support@onlinejain.com or call 08069280426

Whitelabel

Cancel

Terms & Conditions

These Terms and Conditions ("Terms") govern your use of the Learning Management System (LMS) provided by **JAIN (Deemed-to-be University)** ("we," "us," or "our"). By accessing or using the LMS, you agree to be bound by these Terms. If you do not agree to abide by these Terms, please refrain from accessing or using the LMS.

1. Use of the LMS:

- 1.1. You must be a registered student, faculty, or staff member of **JAIN (Deemed-to-be University)** to access and use the LMS.
- 1.2. You agree to use the LMS only for lawful purposes and in accordance with these Terms, any applicable policies of **JAIN (Deemed-to-be University)**, and all applicable laws and regulations.
- 1.3. You are responsible for maintaining the confidentiality of your account and password and for restricting access to your account. You agree to accept responsibility for all activities that occur under your account or password.

2. Intellectual Property:

- 2.1. The LMS, including all content, features, and functionality thereof, are owned by **JAIN (Deemed-to-be University)** and are protected by copyright, trademark, and other intellectual property laws.
- 2.2. You may access and use the LMS and its content only for your personal, non-commercial use in connection with your role as a student, faculty, or staff member of **JAIN (Deemed-to-be University)**.
- 2.3. You may not modify, reproduce, distribute, create derivative works of, publicly display, publicly perform, republish, download, store, or transmit any of the material on the LMS, except as expressly permitted by these Terms or with the prior written consent of **JAIN (Deemed-to-be University)**.

Policy Terms & Conditions

OK

Support and Policies

For any technical assistance during the process, you can contact the support team as per the information shown to you.

You can also review the university's **Privacy Policy** and **Terms & Conditions** through the links provided in the footer of the proctoring tool.