



PARUL UNIVERSITY Centre for Distance and Online Education

Details of the Information and Communication Technology facilities available for conduct of examination

The examination for the academic year 2023-24 has been conducted online through Parul University Learning Management System (LMS). With online examinations students have freedom to give examinations from anywhere as long as they are available with internet connectivity. The following security measures were taken for ensuring the smooth conduct of online examinations through remote proctoring:

- Computer Based Testing: All the students at the Centre for Distance and Online Education at
 Parul University are examined through online examination only. The facility to conduct
 examinations is embedded along with the university Learning Management System. Students
 can choose the device (Laptop or Desktop or Mobile) to appear in the examination.
- 2. Identification of Examinee: At the time of logging into the Learning Management System of Parul University students are forced to capture their face that can be used in their identity card and can be verified upon the examination login. The system records the video of the student through the webcam so the verification can be done even after completion of the examination.
- 3. Secure Portal: Secure examination browser has been developed to work with Windows, Linux, Mac OS and Android. Once a student login for the examination, it locks the device environment completely which means that the student cannot minimize the window, cannot copy-paste, and cannot access another application. The system has the functionality to blacklist any applications. In addition, if required, the system can block the exam based on violations.
- 4. Proctoring: The system has various robust proctoring features such as live monitoring of the student through his/her device camera. The proctor can view the student from a different device and keep an eye on the test. Additionally, the system has the ability to view the student screen, allowing for the verification of any irregularities on the student's part. Through the in-browser chat option, the proctor can also instruct the student. We do have a facility of AI proctoring in our examination portal, through AI proctoring, the system automatically identifies the





movement of any other person through the device camera. It also can capture the sound of any type through the system microphone. In case of preset violation reached, the system will remove the student from the examination by itself.

- 5. Technical Support: Students of online programs are from various backgrounds and of various technical know-hows, in case of less familiarity with the online environment we are providing them with the technical support over the call/chats through dedicated technical executives throughout the examination timings.
- 6. Scanning of Answers: In case of requirement of any diagram or any calculation of sums, students are required to draw or calculate it in the template provided by the university in advance. We do have the facility to scan and upload the document in the examination portal. Upon requirement, students can click on the scan answer option which activates QR code to scan the answer and students can directly open the link through the QR via mobile and scan through mobile camera and upload it on the portal.

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