



an Introduction to an online assessment platform

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ONLINE ASSESSMENT & PROCTORING

- UoP history – several years experience of online delivery with Speedwell for knowledge tests; F2F on campus with invigilators and live data collation
- March 2020 – Covid 19 lockdown! Live F2F assessments were no more
- Attempted a round of ‘Open Book’ assessments in Spring 2020
- By September 2020, we had QuizOne in place



ONLINE ASSESSMENT

- is defined as an evaluation conducted over the Internet, using modern web-based technologies
- a structured and meticulous evaluation that intends to ascertain the examinee's skills and knowledge.
- Moreover, the assessment allows the identification of the student's strengths and weaknesses.
- Thus, helping teachers to align the learning outcomes with teaching methodology to encourage a more **effective** learning process.



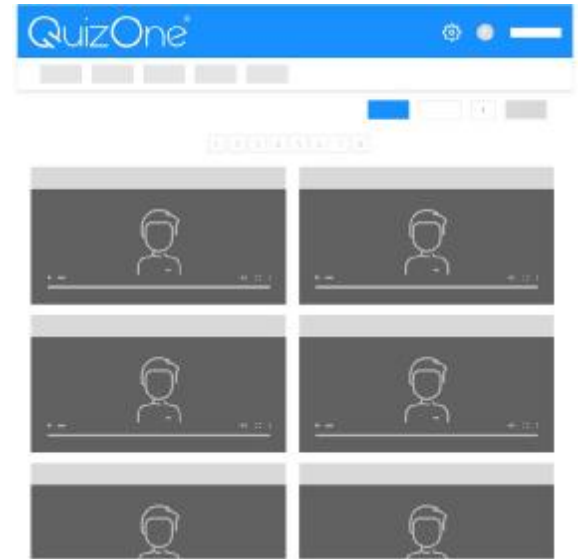
ONLINE ASSESSMENT

- Main advantages of this method are the speed, costs, and accuracy when compared with a traditional assessment method.
- Additionally, this allows the impartial analysis of an individual learner or all individuals collectively, with personalized feedback.
- Finally, the assessments can be completed at home or in a controlled environment on campus.



PROCTORING

- an exam is overseen by an authorized, trained proctor, who ensures the identity of the test taker and the integrity of the test-taking environment.
- Proctored exams have the advantage that they may be administered in-person or remotely.
- Furthermore, through remote surveillance, it is possible to identify and monitor examinees during the online examination, in real-time, thus **minimizing** cheating.



ONLINE ASSESSMENT – ADVANTAGES



REDUCE TEST
DEVELOPMENT COSTS



DELIVER SMARTER
EXAMS



AUTOMATICALLY
VALIDATE
PSYCHOMETRICS



ACCESS RESULTS
INSTANTLY, WITH THE
EXAM STATISTICS



EXAMINEE'S RESULTS
DISPLAYED BY AREA



POSSIBILITY TO SHARE
CUSTOM REPORTS WITH
YOUR EXAMINEES



DATA STORED IN
SERVERS

QUESTION BANK

- Create items (ie. multiple choice (SBA), EMI questions, open answer, very short answers, hotspot, and clinical case scenarios)
- Prevent errors (ie. duplicate choices)
- Item categorization for easier blueprint creation

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Lead-in question

Which one of the following hormones is released into the circulation from the anterior part of the pituitary gland?

Options

- Adrenocorticotrophic hormone
- Aldosterone
- Angiotensin
- Renin
- Vasopressin

Statistics

0.18 9.09 0.30 100.0% 0.00 6.00 3.00

QUESTION BANK

- Bulk import new items by uploading custom files
- View an item's statistics which can be used to improve exam quality

QuizOne

Date	Exam	Curricular unit	Difficulty index	Discrimination index	Rpb	Average	Standard-deviation	Variance-P	IRT
25/05/2022 10:00	9214	9014 000	0.54	0.70	0.47	54.32%	0.50	0.25	-0.18

Statistics

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EXAM PREPARATION

- Create multiple sections
- Set timed sections and timed questions
- Shuffle items and options
- Enable video proctoring
- Enable item challenge process
- Add reference tables



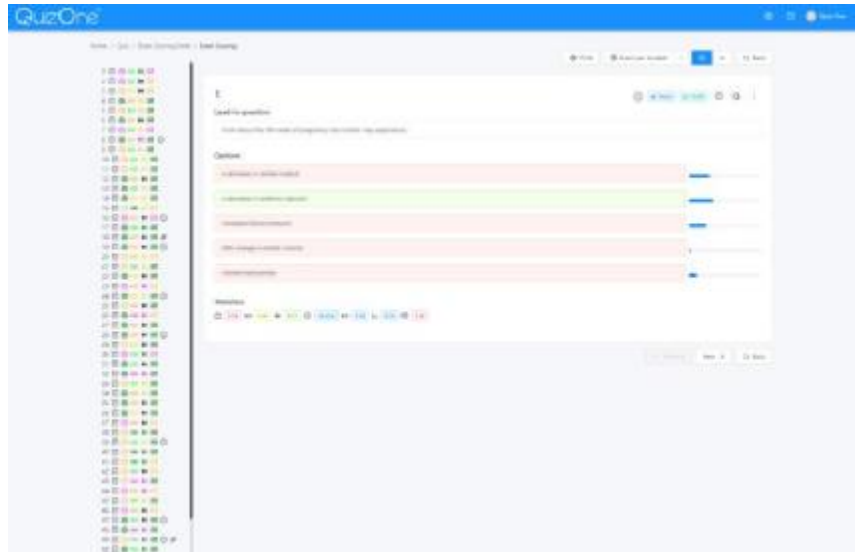
PROCTORING

- Real time vigilance (video and audio stream)
- No image or sound is collected nor saved
- Detect unusual behaviours and possible fraud
- Direct chat channel between the examinees and proctors; proctors to proctors
- P2P protocol to a secure direct connection between the examinee and the proctor



SCORING

- Automated scoring, or simple interface for scoring
- Get the results in seconds
- Manage question options, correct option or remove it from exam



- Difficulty index
- Discrimination index
- RPB
- IRT

SCORING

- Access examinee's answers history and metrics
- Compare the examinees results and publish





QuizOne®