

2014

Multiple Choice Questions

Arthur Sloan

Technological University Dublin, art.sloan@tudublin.ie

Follow this and additional works at: <https://arrow.tudublin.ie/ltcassess>



Part of the [Higher Education Commons](#)

Recommended Citation

Sloan, A. (2020) Multiple Choice Questions, Learning, Teaching & Technology Centre , Technological University Dublin.

This Other is brought to you for free and open access by the Learning & Teaching Practice Exchange at ARROW@TU Dublin. It has been accepted for inclusion in Assessment & Feedback Cases by an authorized administrator of ARROW@TU Dublin. For more information, please contact arrow.admin@tudublin.ie, aisling.coyne@tudublin.ie.



This work is licensed under a [Creative Commons Attribution-NonCommercial-Share Alike 4.0 License](#)

Assessment & Feedback Use Cases

MULTIPLE CHOICE QUESTIONS (MCQS)

Author: Art Sloan

Date: 2014

This use case describes how one assessment method was designed and implemented by a lecturer or a group of lecturers in DIT. The use case was compiled from an interview conducted as part of **DIT's RAFT project (2013-14)**, the aim of which was to provide a database of assessment practices designed and implemented by academic staff across DIT.



bit.ly/33TOYld



[tudublin_lttc](https://twitter.com/tudublin_lttc)

dit.ie/aadlt/lttc/

Lecturer and Contact Details

Art Sloan

Programme and year on which assessment was offered

BSc Computer Science, Year 1

Description

On-line multi-choice of 50 questions through Webcourses

Why did you use this Assessment?

Multiple-choice test is used, by me, to demonstrate student's ability to reflect on a subject, and to demonstrate knowledge of the features and lexicon of the subject.

What have you found are the advantages of using this form of assessment?

- It is prescriptive
- It is equal
- Its marks are feedback to students

What have you found are the dis-advantages of using this form of assessment?

- It is open to plagiarism
- It is difficult to remove language ambiguities
- It is summative assessment

Alternatives

Short project or researched essay

Assessment in practice

- Suitability for large classes,
- Not suitable for group work
- Time-specific (i.e. timed in lab) so inflexible

Assessment Time

- Preparation time (lecturer) @ 20 hours
- Student time to complete 1 hour
- Marking time immediate (computerised)
- Ease of Feedback automatic scoring – instant feedback

Writing guidelines for staff

Questions must be unambiguous, grammatically correct and relevant to the subject.

Guidelines/Handouts for students

Students must be supplied with an extensive set of relevant notes at least one week ahead of the lab test (multiple choice).

Templates / Marking Grids / Rubrics

The design/implementation of the multi-choice creates a template of sorts. The rubrics are 'one right response out of four' – a recognition of correctness in four options.