

g-

exam

exam template for Typst

Andrés Jorge Giménez Muñoz

Version 0.3.0

1 Introduction	3
2 Usage	3
3 Exam	3
3.1.1 g-exam	3
4 Commands	5
4.1 Questions and subquestions	5
4.1.1 g-question	5
4.1.2 g-subquestion	5
4.2 Solutions	6
4.2.1 g-solution	6
4.3 Clarifications	6
4.3.1 g-clarification	7

1 Introduction

This template provides a way to generate exams. You can create questions and sub-questions, header with information about the academic center, score box, subject, exam, header with student information, clarifications, solutions, watermark with information about the exam model and teacher.

2 Usage

This is the minimal starting point:

```
#import "@preview/g-exam:0.3.0": *
#show: g-exam.with()

#g-question(point: 2)[List prime numbers]

#g-question(point: 1)[Complete the following sentences]
```

3 Exam

```
/// User g-exam template
#show: g-exam.with()
```

3.1.1 g-exam

Template for creating an exam.

- autor: Information of autor of exam.
 - name (string, content): Name of author of exam.
 - email (string): e-mail of author of exam.
 - watermark (string): Watermark with information about the author of the document.
- scholl: Information of scholl.
 - name (string, content): Name of the school or institution generating the exam.
 - logo (none, content, bytes): Logo of the school or institution generating the exam.
- exam-info: Information of exam
 - academic-period(none, content, str): academic period.
 - academic-level(none, content, str): acadmic level.
 - academic-subject(none, content, str): acadmic subname,
 - number(none, content, str): Number of exam.
 - content(none, content, str): Conten of exam.
 - model(none, content, str): Model of exam.

Parameters

```
g-exam(
  author,
  school,
  exam-info,
  language: en es de fr pt it,
  localization,
  date: sting,
  keywords: string,
  clarifications: string content array,
  question-text-parameters,
  show-studen-data,
  show-grade-table,
  decimal-separator,
  question-point-position,
  show-solution,
  body
)
```

language en or es or de or fr or pt or it

Languaje of docuemnt. English, Spanish, German, Portuguese and Italian are defined. Ejemplo buy bonito:

Default: "en"

date sting

Date of generate document.

Default: none

keywords string

keywords of document.

Default: none

clarifications string or content or array

Clarifications of exam. It will appear in a box on the first page.

- question-text-parameters: Parameter of text in question and subquestion. For example, it allows us to change the text size of the questions.
- show-studen-data(none, true, false, "first-page", "odd-pages"): It shows a box for the student to enter their details. It can appear on the first page or on all odd-numbered pages.
- show-grade-table: (bool): Show grade table.
- decimal-separator: (".", ","): Indicates the decimal separation character.
- question-point-position: (left, right): Position of question point.
- show-solution: (true, false): It shows the solutions to the questions.

Default: none

4 Commands

The g-exam library has the g-question, g-subquestion, g-solution and g-clarification commands to create questions, subquestions, solutions, and clarifications.

4.1 Questions and subquestions

4.1.1 g-question

Show a question.

Example:

```
#g-question(point:2)[This is a question]
```

Parameters

```
g-question(  
  point: none float,  
  point-position: none left right,  
  body: string content  
)
```

point none or float

Points of the question.

Default: none

point-position none or left or right

Position of points. If none, use the position defined in G-Exam.

Default: none

body string or content

Body of question.

4.1.2 g-subquestion

Show a sub-question.

Example:

```
#g-subquestion(point:2)[This is a sub-question]
```

Parameters

```
g-subquestion(  
  point: none float,  
  point-position: none left right,  
  body: string content  
)
```

point `none` or `float`

Points of the sub-question.

Default: `none`

point-position `none` or `left` or `right`

Position of points. If none, use the position defined in G-Exam.

Default: `none`

body `string` or `content`

Body of sub-question.

4.2 Solutions

4.2.1 g-solution

Show solution of question.

Example:

```
#g-solution(
  alternative-content: v(1fr)
)[
  I know the demonstration, but there's no room on the margin. For any clarification ask
  Andrew Whilst.
]
```

Parameters

```
g-solution(
  alternative-content: string content,
  body: string content
)
```

alternative-content `string` or `content`

Alternate content when the question solution is not displayed.

Default: `none`

body `string` or `content`

Body of question solution

4.3 Clarifications

4.3.1 g-clarification

Show a clarification.

- size(length): Size of clarification.
- body(string, content): Body of clarification.

Parameters

```
g-clarification(  
  size,  
  body  
)
```