# Best Practices on the Creation of Moodle Quizzes for your Final Exams

By Rafael Scapin, IST

Here are some best practices you may consider using to prevent cheating or at least minimize it during an online exam in Moodle.

## 1. Set a time limit

Enforcing a time limit on a quiz is one of the easiest steps you can take. With time as a factor, ill-prepared students will not be able to scour their textbook or pages of Google results to find an answer for every question. On the other hand, wellprepared students may have ample time to finish without using notes. They may use their extra time to refer to the material to reinforce concepts and be confident in their understanding before they even get the quiz results back. If they have time to fix a mistake and a higher score but learn something or correct a misconception

To set a time limit, head to the Moodle Quiz activity. Check the box next to Time Limit, and choose your preferred amount of time.

▼ Timing				
Open the quiz 🕝	7 🗢 Decemb	er 🛊 🖞020 🖨	08 🔹 🚺 🗘 🖨 🛔	
		≝ <b>≅</b> €020 😭	10 ÷ 00 ÷	🛗 🗹 Enable
		********		60 K

You may need to adjust and experiment to find the right amount of time per question for your subject and test writing style.

# 2. Display only one question per page

#### Review options

1.1.1 (1.1))))))))))			
	During the attempt	Immediately after the atta 🏋 🦄 🖓	
The attempt 🕕		🕑 the s 🕄 🐙	
Whether correct	t 🔘	□ Whether correct	
Marks 📀		🗆 Marks	
Specific feedbac	k 🕜	🗌 Specific feedback	
General feedba	ck 🕜	🗌 General feedback	
Right answer 🔞		🗌 Right answer	
w www.uQuusallifanda.w	L 🔍 📖		
annaay <mark>a</mark> änäaann <mark>ää</mark> ällä	m		
		× 1100	
<mark>An</mark> in Don De United States			
00°% <mark>*'</mark> 0		800 <sup>~</sup> }	l III
			ox oonin o

## 4. Randomize the creation of questions

If you have a question bank in Moodle, you can benefit from the automatic creation of random questions. u A Random Question

Editing	gur lest	Quiz •	
Questions: 5	This duiz is dosed	Maximum grade (00.0	
	1100.00 11.0/MIL 00	nnn To <b>ard Swi</b> n	iin:
	× × × × × = × XXXXXXXX		uii!
	allandin <sup>a</sup> llandin		
8			
n			
	n Houmflu		
			8800 1
		W International Contraction of the Contraction of t	Un"
			um

# 5. Shuffling questions (and choices in Multiple Choice questions)

@ˈ		 	Shuffle within questions
j	41	your quiz settings.	
		<ul> <li>Question behavisiour</li> </ul>	
		Shuffle wi 🎬 📕	

If you want to also shuffle the choices for a Multiple Choice during the creation of **Shuffle the choices?** k

6. Add extra browser security

At the Extra Restrictions on Attempts

Students cannot copy using the mouse, that is, they c