

My Favorite Exam

January 25, 2024

CONCEPT VERSION

Question permutation table:			
Version	1	2	
Question			
1	→	2	1
2	→	3	2
3*	→	4	3
4*	→	5	4
5*	→	6	5
6*	→	7	6
7	→	1	7
*: Question follows previous			

1. Which of the following numbers is prime? This shows how `multicol` can be used to format options all on one line.

(a) 12

(b) 16

(c) 17

(d) 20

Correct answers: (c)

Answer permutations: (Order of answers permuted)

Version	1	2
Answer		
(a)	→ (d)	(a)
(b)	→ (c)	(b)
(c)	→ (b)	(c)
(d)	→ (a)	(d)

[Questions 2–6] Which of the following foods can be eaten on a keto diet? Mark A for True and B for False. This shows how we can use the True/False macros and custom edits to `mcexam.sty` to produce a compact series of True/False questions.

2. Blueberries

Correct answers: (a)

Answer permutations: (No answers permuted)

Version	1	2
Answer		
(a)	→ (a)	(a)
(b)	→ (b)	(b)

3. Eggs

Correct answers: (a)

Answer permutations: (No answers permuted)

Version	1	2
Answer		
(a)	→ (a)	(a)
(b)	→ (b)	(b)

4. Steak

Correct answers: (a)

Answer permutations: (No answers permuted)

	Version	1	2
Answer			
(a)	→	(a)	(a)
(b)	→	(b)	(b)

5. Bread

Correct answers: (b)

Answer permutations: (No answers permuted)

	Version	1	2
Answer			
(a)	→	(a)	(a)
(b)	→	(b)	(b)

6. Cupcakes

Correct answers: (b)

Answer permutations: (No answers permuted)

	Version	1	2
Answer			
(a)	→	(a)	(a)
(b)	→	(b)	(b)

7. Which combination of hexadecimal values is orange? This is an example of some fancy stuff in `mcexam`. The options below are formatted like a table (using extensive amounts of spacing) and will also be randomized on different exam versions.

	Red	Green	Blue
(a)	ff	aa	00
(b)	cc	00	44
(c)	ff	ff	ff
(d)	00	00	00
(e)	33	66	99

Correct answers: (a)

Answer permutations: (All answers permuted)

	Version	1	2
Answer			
(a)	→	(d)	(a)
(b)	→	(c)	(e)
(c)	→	(a)	(c)
(d)	→	(b)	(b)
(e)	→	(e)	(d)