Dr Taher Moulay University – Saida Faculty of Sciences Department of Mathematics

First Year Master Second Semester English Exam

Correction

(2.5)

1. The text above is about:

(b) Extraordinary Mathematicians who didn't study mathematics at university

2. Copy the table and complete it from the text.

۷.	Mathematician	What made her / him famous
	 Srinivasa Ramanujan Stefan Banach Mary E. Boole Thomas Fuller 	Contributions in various areas – esp. Analytical theory of numbers Founder of modern functional analysis – theory of topological vector spaces Progressive teaching of mathematics – learning through fun activities Astonishing skills in arithmetic – called 'Virginia Calculator'

- 3. Are the following statements true, false, or not mentioned
 - a) True
 - b) True
 - c) False. (Banach did)
 - d) Not mentioned (Mary Boole opened a school?)
 - e) True
- 4. Find words in the text which definitions are:
 - a) §1: accomplishments
 - b) §2: continued fractions
 - c) §3:functional analysis
 - d) §4: algebra
 - e) §5: arithmetic

B . Where would you put the following sentences: in the start, in the body, or in the finish parts of oral presentations?

Sentences		
a)	I will pass around copies of my slides so you can make note as I go through the presentation.	START
b)	The central problem in this point is that university math students actually do not spend enough time working independently to solve problems sets.	BODY
c)	On behalf of Mr. the Dean, I welcome you to our faculty. I am Mr. X and I am responsible of the project "On Becoming a Complete Mathlete".	START
d)	I would like to overview our three proposals. Firstly, we've seen 'What is	FINISH
	mathematics?' as defined by Aristotle, Auguste Comte, and Benjamin Peirce, and how strange for a subject that relies so strongly on mathematical proof that	
	there is no right or wrong answer when it comes to answering this question. Then, I've presented the new branches or subfields of mathematics that are	
	being discovered and developed both in pure and applied mathematics, and	
	finally how this development has affected the definition of mathematics, making it more and more difficult to attain.	
e)	And now, if you have any questions, please ask. I will be glad to explain anything further.	FINISH
f)	That brings us to the end of the second section of my work, so let's take a look at the last point.	BODY
g)	That was a brief presentation about some tips for math success. Now, just to	FINISH
h)	summarize, let's quickly look at the main points again. As I have been saying, you can see, in this chart, different subjects, mainly,	BODY

