

Annex**SCALE OF USE OF SOCIAL NETWORKS**

Instructions:

This questionnaire refers to the application of social networks that the mining engineering student of Unasam uses in his learning process of mathematics, as regards low use, moderate use and excessive use.

There is no time limit to answer the questionnaire. There are also no right or wrong answers. Useful It will be to the extent that you are sincere in your answers.

Best describe what you usually think, choose the score from 1 to 5 that best describes you according to the following rating scale:

Affirmation	Never	Rarely	Sometimes	Almost always	Always
Scale	1	2	3	4	5
Abbreviation	N	R	ST	AA	A

Respond to each of the statements by putting a Check in the box that you consider to be the most correct.

N°	Statements	Scale				
		1	2	3	4	5
Low usage						
01.	I can disconnect from social networks for several days					
02.	I do not know what to do when I am disconnected from social networks					
03.	I think about what may be happening on social networks					
04.	I have little interest in social media					
05.	I don't care if my cell phone has mobile data					
Moderate use						
06.	Entering and using social networks gives me relief, it relaxes me.					
07.	Even when I develop other activities, I don't stop thinking about what happens on social networks.					
08.	I need more and more time to attend to my issues related to social networks.					
09.	The relationships you have established in social networks are more rewarding than those you have with the people around you					
10.	I think that I should control my activity of connecting to social networks.					
Excessive use						
11.	I feel a great need to stay connected to social networks					
12.	I need more and more time to attend to my issues related to social networks.					
13.	I spend a lot of time during the day connecting and disconnecting from social networks					
14.	I neglect homework and studies because I am connected to social networks					
15.	Even when I am in class, I surreptitiously connect to social networks					

MATHEMATICS LEARNING SCALE

Instructions:

This questionnaire refers to the learning of mathematics by Unasam's mining engineering students, associated with the dimensions that refer to conceptual content, procedural content, and attitudinal content.

There is no time limit to answer the questionnaire. It will be useful to the extent that you are sincere in your answers.

Best describes what you usually think, choose the score from 1 to 5 that best describes you according to the following rating scale:

Affirmation	Never	Rarely	Sometimes	Almost always	Always
Scale	1	2	3	4	5
Abbreviation	N	R	ST	AA	A

Respond to each of the statements by putting a check in the square that you consider to be the most correct.

N°	Statements	Scale				
		1	2	3	4	5
Conceptual content						
01.	Internalize mathematical definitions					
02.	Know the mathematical properties					
03.	Define relationships and functions					
04.	Define limits and derivative					
05.	Recognize indefinite and definite integrals					
Procedural content						
06	He has the ability to solve mathematical exercises.					
07	Ability to solve mathematical problems					
08	Applies the knowledge of mathematics to make a correct decision making					
09	Analyze the difference between limit and derivative					
10	Differentiate an indefinite integral from a definite					
Attitudinal content						
11	Motivated to identify, formulate and solve mathematical problems					
12	Values the importance of mathematics in their academic work					
13	Willingness to apply mathematical knowledge in decision making					
14	Find the difference between a limit and a derivative					
15	Evaluate the difference between the indefinite integral and the definite integral					