



ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL
FACULTAD DE CIENCIAS NATURALES Y MATEMÁTICAS
DEPARTAMENTO DE CIENCIAS QUÍMICAS Y AMBIENTALES



FIRST EVALUATION OF ENVIRONMENTAL IMPACT OF PROJECTS (70 PTS)
II SEMESTER 2014-2015
DECEMBER 2014

NOMBRE: **PARALELO:**.....

NOTA: Este examen está diseñado para ser resuelto de manera individual, puede usar una calculadora ordinaria para sus cálculos aritméticos, un lápiz o esferográfico. Solo puede comunicarse con la persona responsable de la recepción del examen; y, cualquier instrumento de comunicación que hubiera traído, deberá apagarlo y ponerlo en la parte anterior del aula, junto con algún otro material que se encuentre acompañándolo. No consultará libros, notas, ni algún apunte adicional a las que se entreguen en esta evaluación. *Desarrolle los temas de manera ordenada.*

Firme como constancia de haber leído lo anterior.

_____ Firma

1. Write the letter according to the concept of each term (1 e/o pts) 10 pts

	Term	Concept	
A	Scoping	Actions that occur in the environment has a long term influence	
B	Impact	Physical Environment	
C	EIA	identify the most important topics and prepare the TOR	
D	Persistent impact	Decide if the EIA must be done and at what level	
E	Background	Any action that produce a change or alteration on the environment.	
F	Reversible Impact	Everything surrounding us: land, aquatic, aerial, where all living organisms, born, grow, develops and die	
G	Climate	The impact can be eliminated or mitigated by human action	
H	Environment	important tool in order to incorporate an environmental point of view into the decisions to be taken by the project from the investment perspective	
I	Recoverable impact	Environmental conditions that governs before any alteration or impact.	
J	Screening	The environment can recover itself after some time	

2. Answer the following questions (38 pts)

2.1. Who is the current Minister of Environment and what is her background? 3 pts

What year was the Ministry of Environment created and who was the president at that time? 2 pts

2.2. a. Explain how the insurance policies will work in case an accident and impacts occur during the project and why are they important. 3 p

b. Indicate the types of insurance policies that the promoter should get according to the Ecuadorian law? 4 pts

c. If something happens during the project on behalf of what the policies will be executed. Why? 4 pts

2.3. What are the steps (in order) to get the Environmental License. Describe briefly each one of the steps.

How long does the Environmental License (EL) last? Why is it not forever? **10 pts**

2.4. What are the three main components of the EIA study. Explain each one of them (6 pts)

2.5 What are the types of environmental evaluations (6 pts)

CASE STUDY (22 pts)

An important promoter is planning to build and operate an important integrated system part of a multipurpose project. This Company has hired a Consultancy group to develop the environmental procedures that have to be followed in this case. Based in all the available information that you might have, answer the following questions.

- How many alternatives and according to what criteria will you present as part of the EIA study. 3 p
- How many experts and what professional fields will be included in the Consultancy team to perform the EIA study? 3p
- Who is the promotor of this project? 2 p
- Mention three characteristics from the ones explained in class that the Consultancy group must have? 3 p
- What/Who will evaluate the studies and notify the promotor the aproval of the environmental study? 2 p
- What document will give you the right information for answering questions A and B 2 pts

a.How many alternatives	Criteria for alternatives	b.How many experts	Fields of expertise	c. Promotor	d.Three characteristics of the Consultancy team	e.Who will evaluate the studies and approve the document	f.What document did you need for answering questions a,b

- Fill the following chart regarding the project of Water for Bowen. 7 pts (It only exist one correct answer)

Codigo CCAN	Activity related to the CCAN	Category	Document to be presented to the environmental authority	Does the project need and environmental license