

2nd exam of the first evaluation: CRITERIA for the EXAM

- The exam will have questions about Chemical Bonding, Inorganic Nomenclature and Organic Nomenclature.
- The format and values of the questions would be:

Topic	Possible formats	Value	Task and evaluation
Chemical bonding	Properties of compounds	2.00	Determine some important properties of compounds according to the type of chemical bonding in those compounds 4-6 compounds. Each gap has the same value
	Type of bonds		Given some elements (metals-nonmetals) determine the type of bonds, ions, molecules... Some representative elements. Each gap has the same value
Covalent bonding	Study of molecules	3.00	Given some molecules and the electronegativities of the elements, determine: <ul style="list-style-type: none"> • the shape of those molecules • the polarity of each bond and the polarity of the molecule • the type of intermolecular forces between molecules 4-6 molecules. Each item has the same value
Inorganic Nomenclature	Table of compounds (name, Lewis structure, formula)	4.00	Given 25 compounds: <ul style="list-style-type: none"> • 3 metallic oxides • 2 nonmetallic oxides • 3 hydroxides • 4 hydrides, water, ammonia... • 5 oxoacids • 7 neutral salts • 1 acid salt fill in the gaps. Each gap has the same value
Organic Nomenclature	Table of compounds (name, condensed formula)	1.00	Given 10 compounds: <ul style="list-style-type: none"> • branched alkane • alkene / cycloalkene • alkyne • aromatic (benzene, toluene) or cycloalkane • hydrocarbon & chlorine • alcohol • aldehyde • ketone • carboxylic acid • ester fill in the gaps. Each gap has the same value