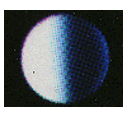
SCIENCES EXAM		Number: **8**	
Last Name/First Name:		Group:	Date:
Orthography:	Sintax:	Global:	

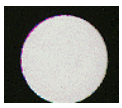
1. What is the geosphere? (**1 point**)

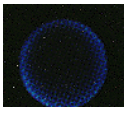
2. Why is the Sun higher (*"más alto"*) over the horizon at noon ("*mediodía"*) in summer than in winter? Does this occur at the same time of year in both (*"ambos"*) hemispheres? (**2 points**)

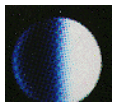
3. What are the main (*"principales"*) differences between the continental crust and the oceanic crust? (**1 point**)

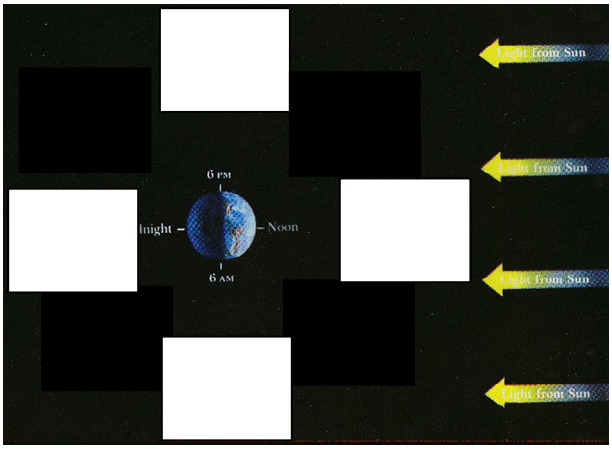
4. Match (*"juega con"*) each picture of the Moon and put them into the diagram of its orbit around the Earth. (**1 point**)

 **(1)**

 **(2)**

 **(3)**

 **(4)**



2. Define the following (*"siguientes"*) concepts (**1 point**):
a) Mantle.

b) Continental shelf.

3. Compare <u>with a picture</u> mid-oceanic ridges and oceanic trenches (**1 point**).

4. Connect the concepts (*"conecta los conceptos"*) of the **column A** with the appropriate (*"correspondiente"*) of the **column B** and justify your answer (*"respuesta"*) (**2 points**)

	A	B	Connections
1	Carbon dioxide	Days and nights	
2	Earth's rotation	Outer core	
3	Liquid iron	Oceanic crust	
4	Basalt	Atmosphere	

JUSTIFICATION:

5. Make (*"realiza"*) a diagram to explain the formation of a solar eclipse (**1 point**).

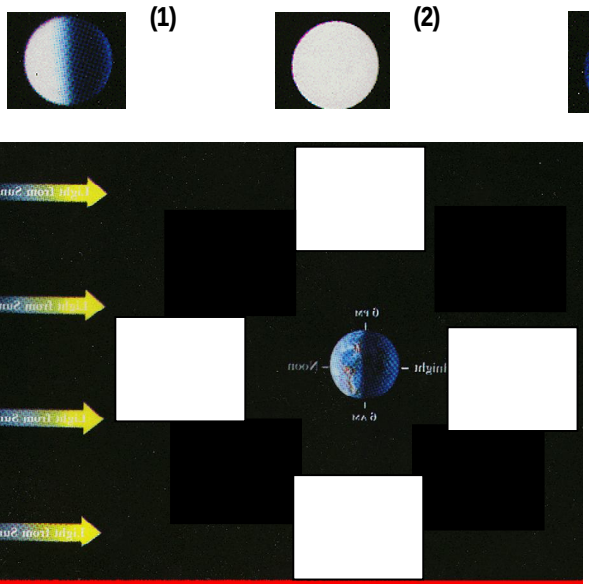
SCIENCES EXAM		Number: **8b**
Last Name/First Name:	Group:	Date:
Orthography:	Sintax:	Global:

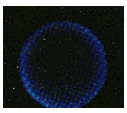
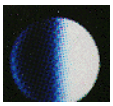
1. What causes the seasons on Earth? (**1 point**)

2. Why is the Sun higher (*"más alto"*) over the horizon at noon ("*mediodía"*) in summer than in winter? Does this occur at the same time of year in both (*"ambos"*) hemispheres? (**2 points**)

3. What are the main (*"principales"*) differences between the outer (*externo*) core and the inner (*interno*) core? (**1 point**)

4. Match (*"juega con"*) each picture of the Moon and put them into the diagram of its orbit around the Earth. (**1 point**)



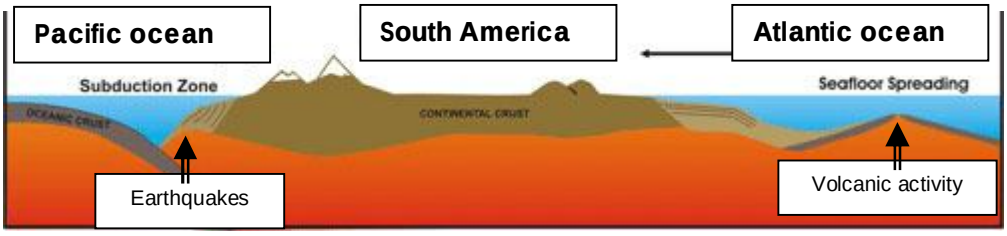
(1) **(2)** **(3)**  **(4)** 

5. Define the following (*"siguientes"*) concepts (**1 point**):

a) lunar month.

b) Continental crust.

6. Locate (*localiza*) <u>in the picture</u> mid-oceanic ridges and oceanic trenches (**1 point**).



7. Connect the concepts (*"conecta los conceptos"*) of the **column A** with the appropriate (*"correspondiente"*) of the **column B** and justify your answer (*"respuesta"*) (**2 points**)

	A	B	Connections
1	Sand of a beach (*playa*)	Large extensions of flat land	
2	Great plains	The largest plains on the planet	
3	Abyssal plains	Oceanic crust	
4	Basalt	geosphere	

JUSTIFICATION:

8. Make (*"realiza"*) a diagram to explain the formation of a lunar eclipse (**1 point**).