Global water stores and changes in magnitude $\it 3.1.1.2$

Q1	Match the terms with their water state		
Α	Fresh and saline water largely in a liquid state		
В	Liquid water contained within soil, may sometimes be frozen		
С	Water in a solid state. May be liable to melting into a liquid form		
D	Liquid water contained in rocks, may occasionally be frozen		
E	Water vapour plus condensation of fresh water and may be frozen		
	Lithosphere Cryosphere Atmosphere Hydrosphere Pedosphere		

Q2	Tick if these are primarily water Transfers, Stores – or Both	Transfer	Store
Α	Evaporation		
В	Underground aquifer		
С	Ice sheet		
D	Percolation		
Е	Precipitation		
F	Glacier		
G	River		

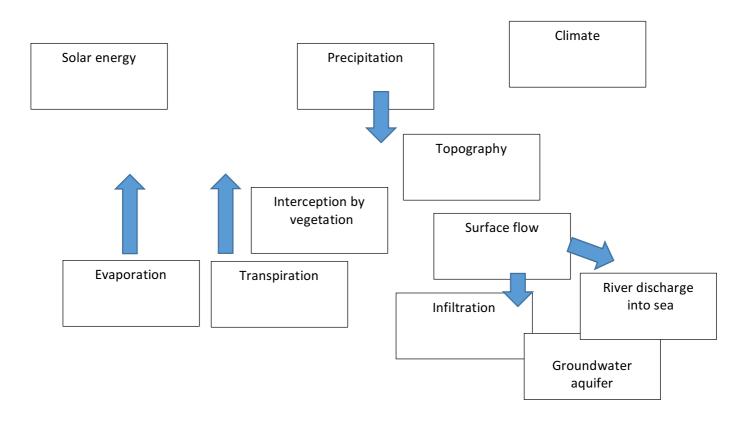
Q3	Place a + (increase) or (decrease) in the pairs of stores under the following change conditions			
		Water store	Change + /	
Α	A glacial advance (ice maximum)	Cryosphere		
		Hydrosphere		
В	Global warming	Atmosphere		
		Cryosphere		
С	An interglacial (warm phase between ice advances)	Pedosphere		
		Lithosphere		
D	A prolonged drought	Hydrosphere		
		Atmosphere		
Е	Human water abstraction for irrigation from bore wells	Lithosphere		
		Atmosphere		

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Q4	Given that global warming is occurring, what are the likely changes in the following water stores, why and with what consequences?		
	Cryosphere	Hydrosphere	
	Atmosphans	Lishaamhana	
	Atmosphere	Lithosphere	

Q5 Classify these elements in a drainage basin system as 'input', 'store', 'flow/transfer' or 'output'. Some are independent of the system and are 'controls'. Identify those too.



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