Runoff, hydrographs and changes in the water cycle over time 3.1.1.2

Q1	True or False?	
А	Runoff depends entirely on the level of precipitation	
В	The velocity of runoff is affected by the gradient of land	
С	The same soil can vary in terms of its infiltration capacity at different times	
D	It's not just the amount of rainfall but its distribution which affects runoff	
E	A flood hydrograph predicts when a river will flood	

Q2	Match each term to the correct description		
А	The entire area from which a drop of rainfall eventually reaches a river		
В	Number of hours between maximum rainfall and peak river discharge		
С	The shape of the land surface		
D	Rock quality permitting water to flow through it by means of fissures & joints		
Е	Standard level of water in a river		
Select from: Topography Base flow Lag time Drainage basin Pervious			

Q3	Tick which is the odd one out from each group of 6 terms		
А	Drizzle	Hail	
	Sleet	Evaporation	
	Snow	Rain	
В	Rising limb	Base flow	
	Peak discharge	Falling limb	
	Infiltration	Lag time	
С	Confluence	Drainage pattern	
	Watershed	Source	
	Tributary	Impermeable rock	
D	Flooding	Water vapour	
	Precipitation	Evaporation	
	Condensation	Solar energy	
Е	Permeable	Pervious	
	Evapotranspiration	Porous	
	Impervious	Infiltration capacity	

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Q4	Decide which factors will lead to a long lag time/small peak discharge flood hydrograph and which will result in a short lag time/high peak discharge flood hydrograph			
Loi	ng lag time / sm	all peak discharge	Short lag tir	ne / high peak discharge
Imperr	neable surface	Intense pro	olonged rain	Small river basin
Steep topography Long drought before rainfall		ore rainfall	Urban growth on farmland	
Deep s	oil layer	Porous rock	Rapid snow melt	Afforestation

Q5	Suggest ways in which human activity can affect the hydrological cycle over time
A	Amplifying the hydrological cycle
В	Reducing the hydrological cycle