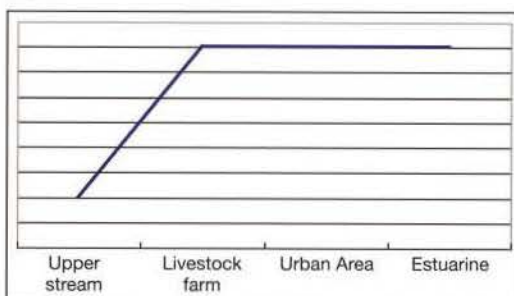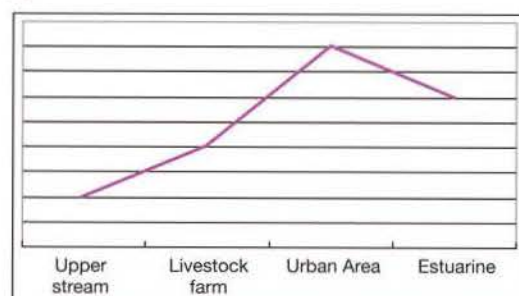# Stream pollution

12.1.1 With reference to the "Virtual" water quality report, find out the water quality parameters illustrated in the four graphs respecitvely.

(The four water quality parameters are: Dissolved oxygen content; Concentration of *E. coli*, Concentration of heavy metal and suspended solid)
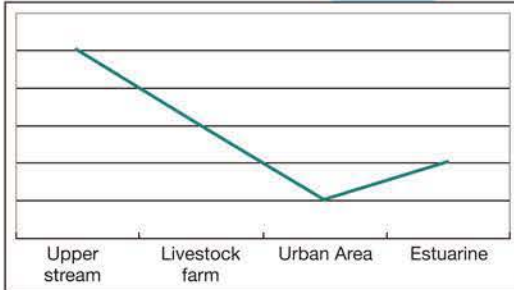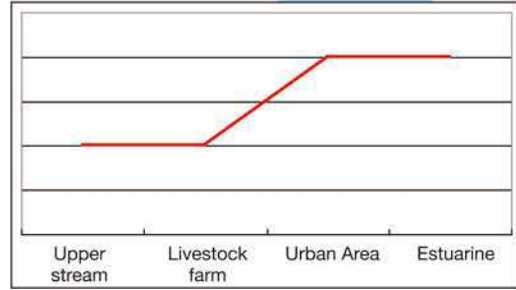
A.

| Upper stream | Livestock farm | Urban Area | Estuarine |

B

| Upper stream | Livestock farm | Urban Area | Estuarine |

C.

D

| Upper stream | Livestock farm | Urban Area | Estuarine |

| Upper stream | Livestock farm | Urban Area | Estuarine |

*The trend showed in the graph is only for reference. In real situation, the changes are affected by various factors.

12.1.2 Please match the water quality parameters with the environmental impacts related.

The index of pollution	Enviromental Problem
1. Concentration of E. coli	A. Aquatic animals will suffocated due to the high concentration of this matter
2. Concentration of suspended solid	B. Animals might be killed due to high concentration of this matter. In additon, this matter might be accumulated along the food chain, which might finally threaten the life of human being.
3. Concentration of dissolved oxygen	C. High concentration of this matter might threaten the health of swimmers.
4. Heavy metal	D. Low concentration of this matter will kill the aquatic organisms and an unpleasant smell would be formed.

A : _____ B : _____ C : _____ D : _____

12.1.3 Apart from the sources of pollution mentioned above, try to give more examples.

_____

_____

12.1.4 Being a responsible hikers, how do you avoid polluting the stream?

_____

_____

_____