Q/ Define the followings?

**Bank of questions**

* Soil Conservation
* rainfall erosivity
* Soil Erodibility Factor
* Slope steepness factor
* Support practice factor

Q/ Prove that K=

Q/ What is the difference between the following

(Geologic erosion& Accelerated erosion)?

Q/Mention the Factors affecting soil erosion by water?

Q/ Calculate the rainfall erosivity for Erbil city using Fourner's index (F): Arnoldus (1980). For a station recorded the following information:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nov. | Dece. | Jan. | Feb. | Total |
| 10 | 50 | 100 | 20 |  |

Q/Determine the topographic factor for entire slope ?

Slope =5 %

Slope = 7 %

Slope =12 %

20 m

20 m

20 m

Q/Determine support practice factor, if you know

Q=4 inch , Ridge height =3.5, Slope =6%

Q/ Calculate the crop canopy factor when the plant height (1m) and area covered 60% ?