

(1) 180135/120135/030135

- Q.5 Erosion of very fine particles is seen on account of
- Saltation
 - Suspension
 - Surface creep
 - Shifting of dunes
- Q.6 Soil erosion can be reduced by :
- Reducing over grazing
 - Planting proper plants
 - Making dams
 - All of those
- Q.7 Gully erosion is the last phase of
- Sheet erosion
 - Rill erosion
 - Normal erosion
 - Stream bank erosion
- Q.8 Contour bunding is done to check
- Rain drop erosion
 - Rill erosion
 - Sheet erosion
 - Gully erosion
- Q.9 Darcy's Law is applicable when Renolds number is
- Equal to 1
 - More than 1
 - Less than 1
 - Less than 2
- Q.10 Graded terraces are used in the area of
- Medium to high rainfall
 - High rainfall only
 - Medium rainfall only
 - None of these

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Soil separates.
- Q.12 Name any two chemical properties of soil.
- Q.13 Define Contour farming.
- Q.14 Name any two types of water erosion.
- Q.15 ECE stands for _____
- Q.16 Define Soil reaction (pH)
- Q.17 Agronomical and _____ are used to control erosion by wind and water.
- Q.18 Define soil permeability.
- Q.19 Define Particle Density.
- Q.20 Collection and storage of rain water is a _____ technique.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Discuss the vegetated water ways in erosion control.
- Q.22 Explain the Darcy's Law in detail.
- Q.23 What are the after effects of water erosion?
- Q.24 How the contour farming and strip cropping control the erosion by wind and water?
- Q.25 Describe the different types of soil structure.

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