

TEACHING LEARNING MATERIAL

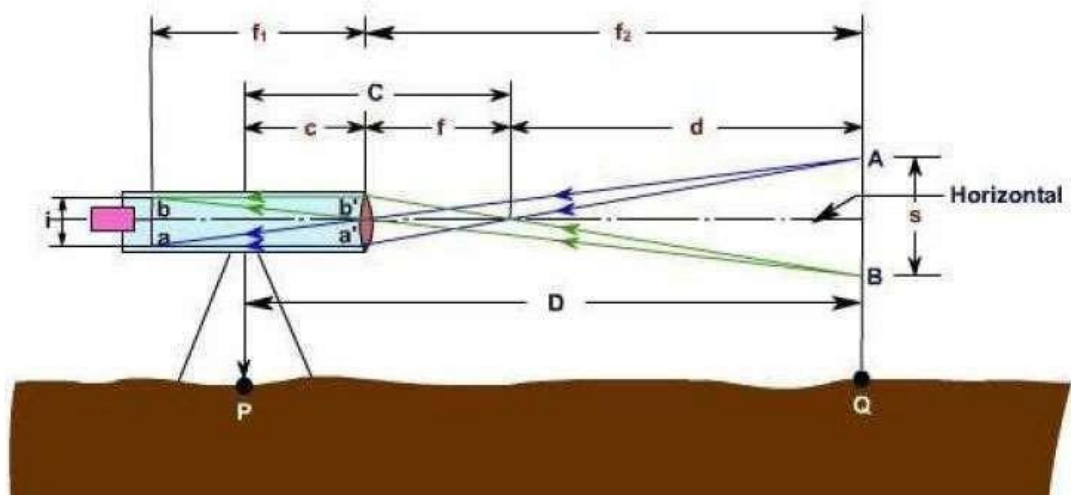
GANDHI SCHOOL OF ENGINEERING, BHABANDHA

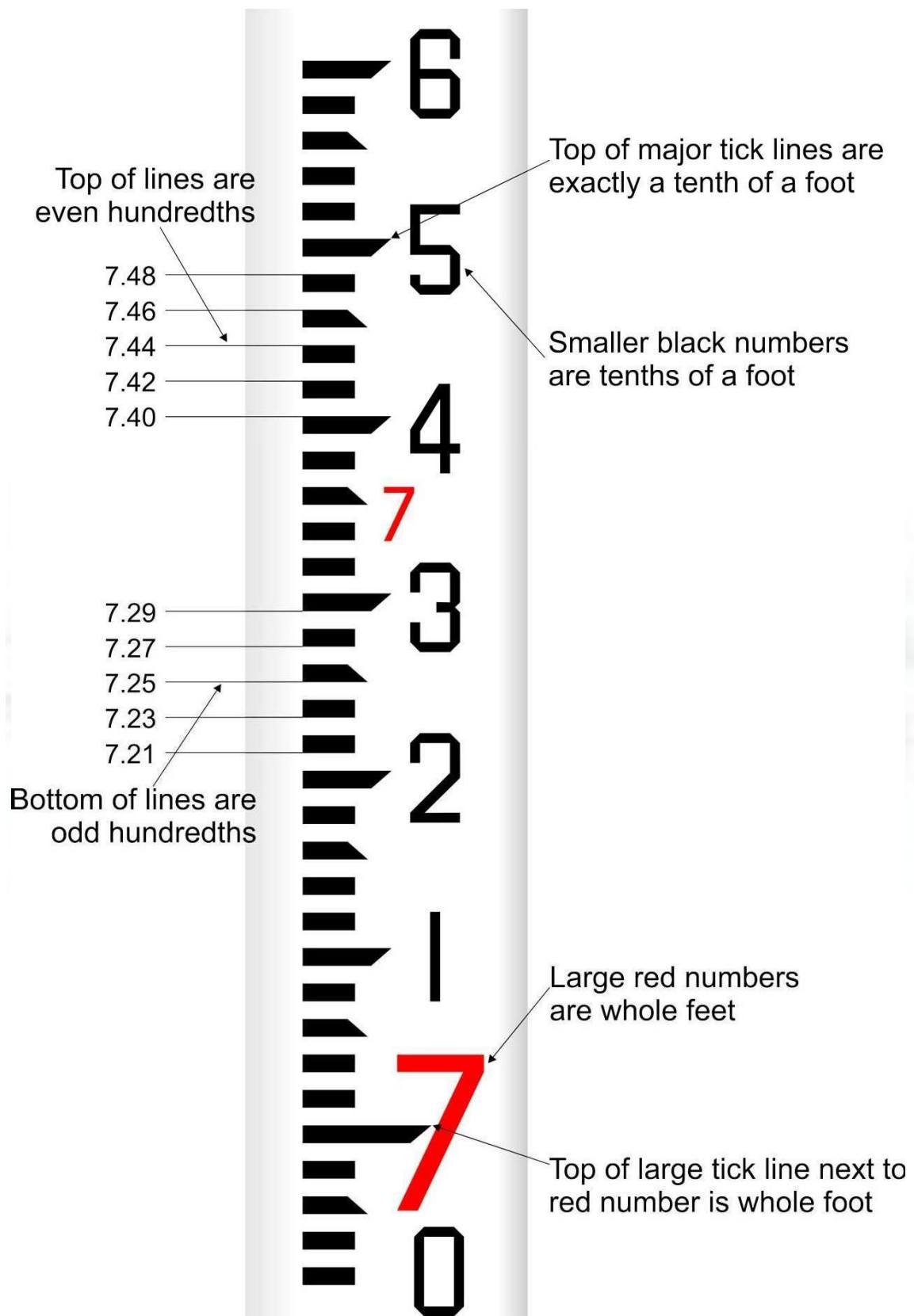
BRANCH- CIVIL ENGINEERING

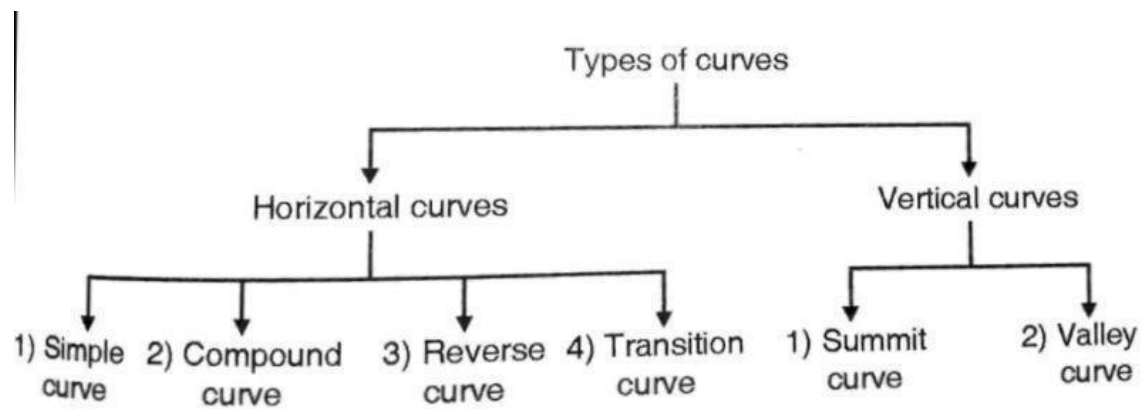
SUBJECT- LAND SURVEY-II

SEMESTER- 6TH

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ROJALIN MISHRA







Vertical curve



Horizontal curve

TYPES OF MAPS

Political Map



- Shows the **state** and **national boundaries** of a place.
- Show **location** of a place with respect to other.
- Does not have topographic features.

Physical Map



- Shows the **physical features** of a place or country like mountains, forests, etc.
- Usually shown in different colors.
- Mountains** are shown in brown.
- Rivers and lakes** are shown in blue, places of high elevation are shown in color based on elevation and eventually.

Topographic Map



- Similar to physical map but show the features in more detail.
- Different colors and lines are used to show the elevation and contour lines.

Climatic Map



- Shows information about climate of different areas. Shows areas which receive more **rainfall** or **snow**, which have **dry weather**.
- Uses **color** to depict areas with different climate.

Economic or Resource Map



- Economic** or **resource** map shows the different **resources** present in the area or economic activity prevalent.
- Show the kind of **crops** that are grown and the **minerals** found in places.
- Symbols** and **letters** are used to depict the **activity** or **resource** present in the area.

Road Map



- Detailed map used for **direction purposes**.
- Shows different **roads**, **highways** or **railways** present in the area.
- Usually made individually, city-wise.

AERIAL PHOTOGRAPHY

