

CLASS -6



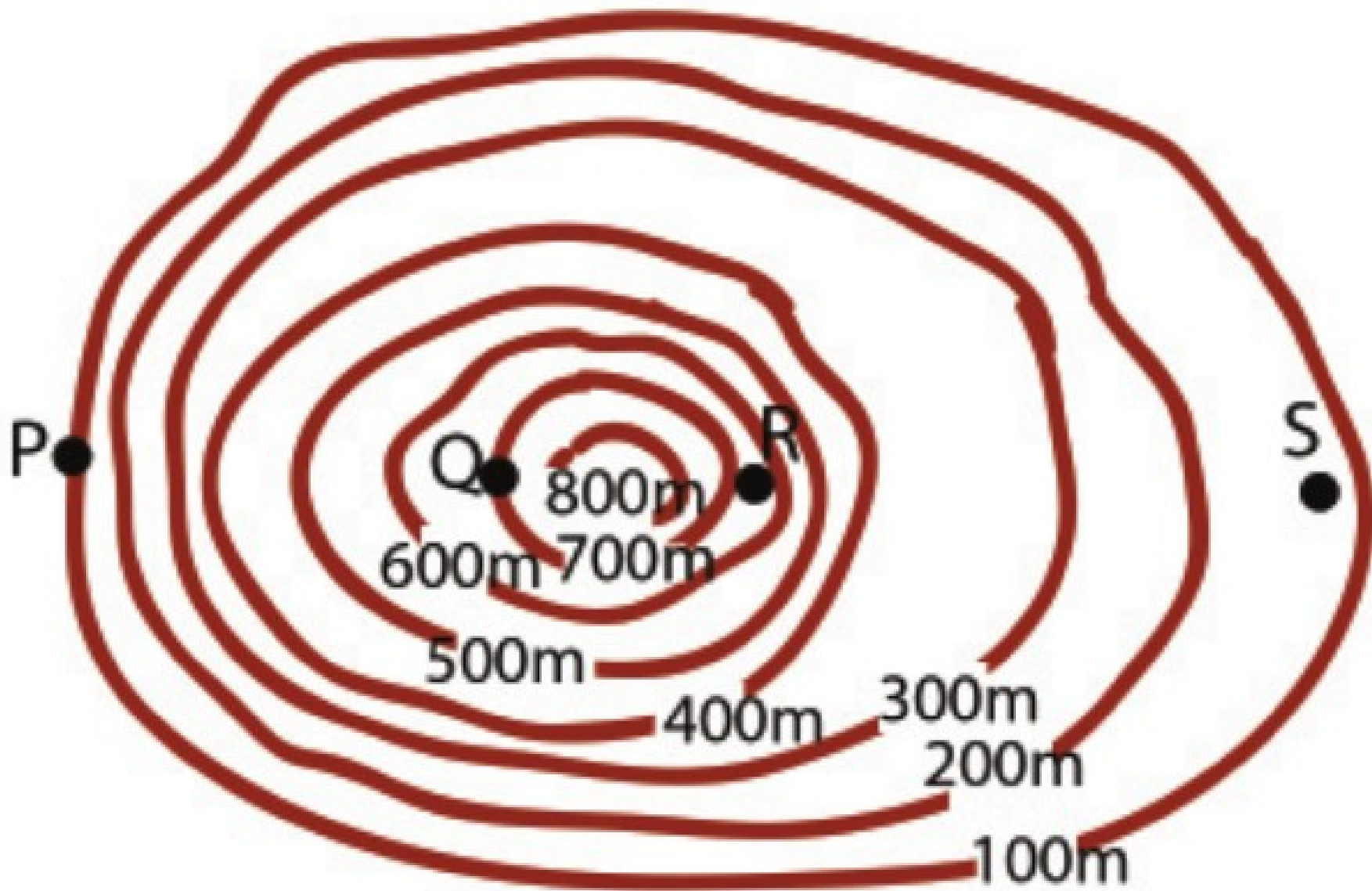
Landscape analysis through Maps

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Intervisibility

- If any two places are mutually visible, then we can establish that these places are intervisible.
- Intervisibility assessment is being applied for erecting electric posts, mobile towers and wireless transmission towers.
- To find out the intervisibility between two place we must draw the shape of geographical feature by using contour lines.

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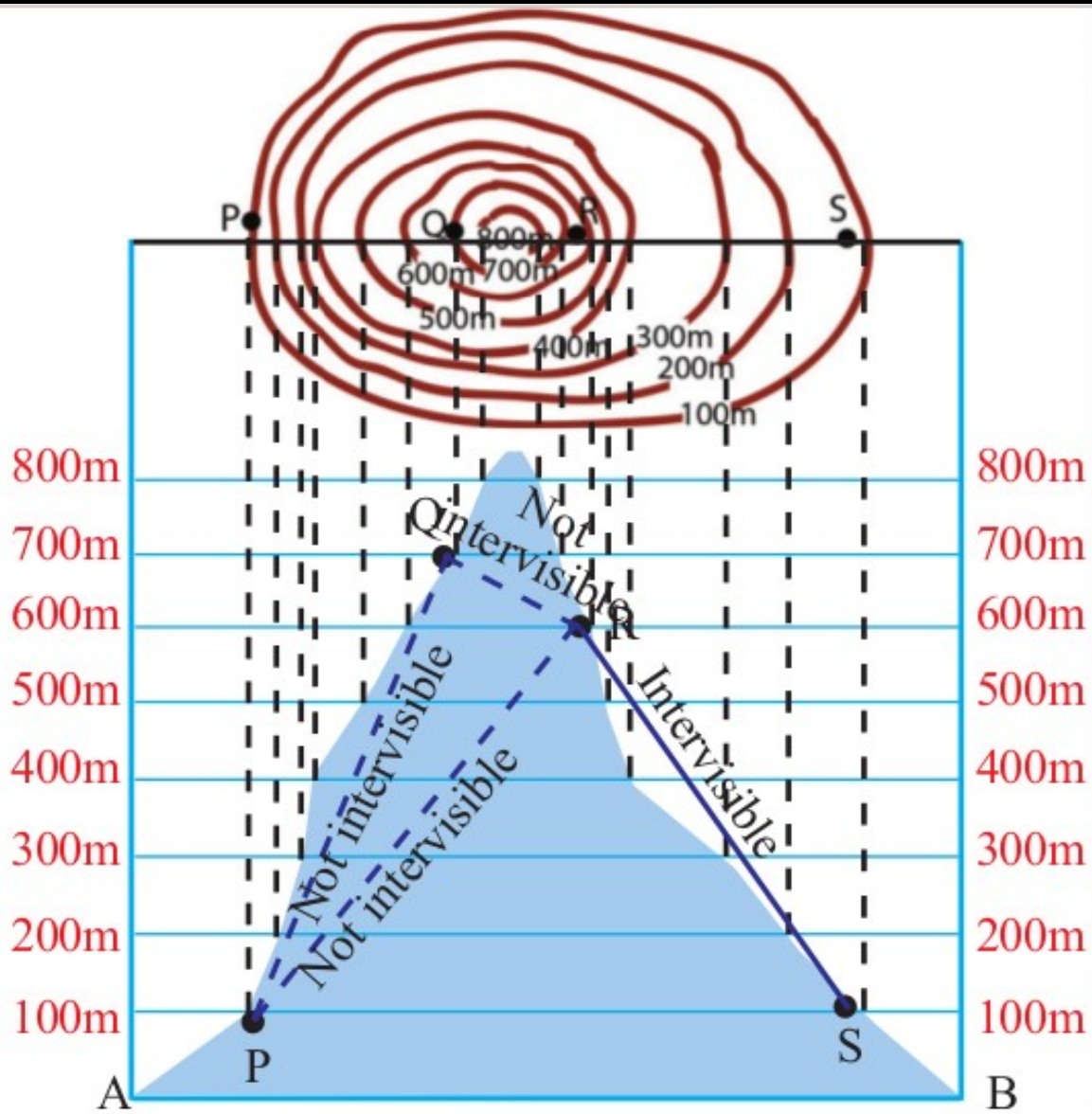
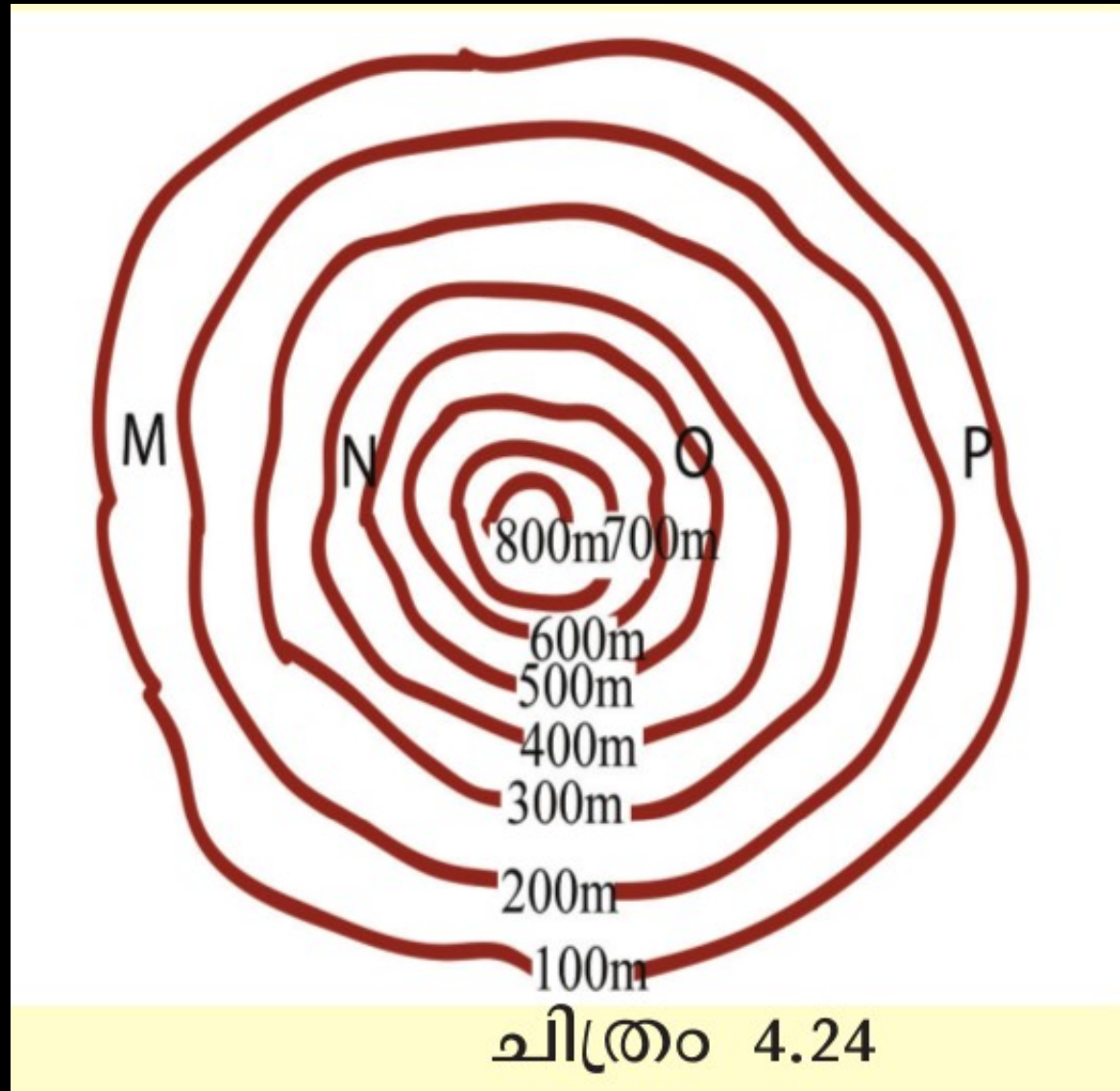


Fig. 4.23

Find out the Intervisibility



Places	Intervisible/ Not intervenible
• Between M and N	• Yes
• Between N and O	• No
• Between O and P	• Yes
• Between M and O	• No
• Between M and P	• No
• Between N and P	• No

Toposheet interpretation

- **Marginal Information/Primary information,**
- **Physical/Natural features,**
- **Cultural/Man-made features.**

These are the different stages of study and interpretation of toposheet.



Marginal Information or Primary information.

-The general information given outside the margins in topographic maps is known as marginal/primary information.

Marginal Information or Primary information & indicators.

- **Topo sheet number - (a)**
- **Name of the place represented - (b)**
- **Latitudinal location - (c) 1 , (c) 2**
- **Longitudinal location - (d) 1 , (d) 2**
- **Easting - (e) 1 , (e) 2**
- **Northing - (f) 1 , (f) 2**
- **Scale of the map – (g)**
- **Contour interval - (h)**
- **Year of survey - (i)**
- **Year of publication - (j)**
- **Agency in charge of survey - (k)**

Physical features of toposheets

Water bodies such as

-rivers,

-streams,

-springs, etc. and

-different landforms

are the physical features in topographic maps.

Find answers to the following questions by reading the given toposheets (Fig 4.25).

- *Which is the major river flowing through this area?* **Krishna**
- *In which direction does it flow?* **North - East**
- *On which bank of the river are the forests seen?* **South**
- *What is the name of the reserve forest in this area?* **Lingusur**
- *How many springs are seen in this region? Locate them based on direction.* **Two, South east & North east**
- *Locate the open scrubs in this area* **West and middle**
- *Find out the location of the following using the 6-figure grid reference method.*

• 476A
476A - 944839

• 447
447- 017903

• *the spring north of Parampur village*
013852

Cultural features

Cultural features are man-made objects on toposheet.

-Settlements,

-different types of roads,

-boundaries,

-places of worship,

-agricultural lands,

-post office,

-police station,

-bridges,

-wells and tube wells are a few cultural features shown in toposheets.

Find answers to the following questions by reading the given toposheets (Fig 4.25).

- *Identify the districts in Karnataka to which the area belongs.*
Gulberga, Raichur
- *Based on which natural feature is the district boundary determined?* **River-Krishna**
- *Where is the metalled road seen?* **South-East**
- *In which direction is the Gadalamari village situated?*
North-West
- *Which are the villages where post offices can be found?*
Geddalamari, Ganavatala

- *Find the location using the 4-figure grid reference method.*

- *Aldobhavi village* **0090**

- *Ganavathala village* **9386**

- *Fort to the north-eastern corner* **0192**

- *Using the 6-figure grid reference method, find the locations of:*

- *Temple near Gadalamari village* **942917**

- *Temple within the Lingusugar Reserve Forest* **004863**

- *Post office in Ganavathala village* **937863**

ALL THE BEST

BY

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