

Thiruvananthapuram Educational District

Social Science II

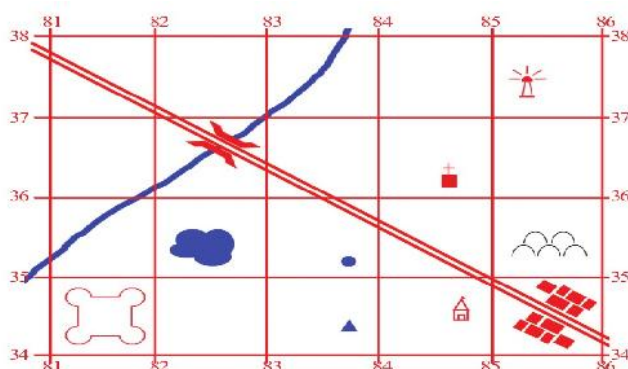
Standard X



Std X
AK 12

Landscape analysis through Maps

1 Analyse the model grid and complete the column.



(a) Location of church using 6 figure grid reference method

846362

(b) Location of settlements using 4 figure grid reference method

8534

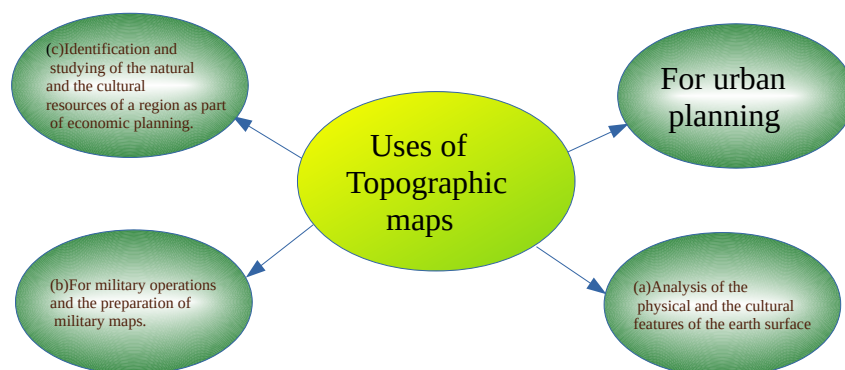
(c) Find the geographical feature with reference of 6 figure grid of 853373

Light house




(d) Find out the physical features of the given model grid

River, Spring

2 Complete the diagram.



3 Complete the table.

Geographic features	Signs and symbols
Spring	+
Well	(a) •
(b) Tube well	▲
Grave	(c) 
(d) Church	
Fort	(e) 

4 Find out the features and complete the table.

Eastings	Northings
<ul style="list-style-type: none"> • These are north-south lines 	<ul style="list-style-type: none"> • These lines drawn in the east-west direction
<ul style="list-style-type: none"> • Their value increases towards the east. 	<ul style="list-style-type: none"> • Their value increases towards the north.
<ul style="list-style-type: none"> • The value of the eastings immediately left to the geographic features is considered for identifying a location. 	<ul style="list-style-type: none"> • The value of the northings immediately to the south of the feature in the map is considered for identifying a location.

5 Match the following.

A	B
Scale	Toposheets
1:1000000	Million sheets
1:250000	Degree sheets
1:50000	Minute sheets

6 Find out the answers basis of the hint.

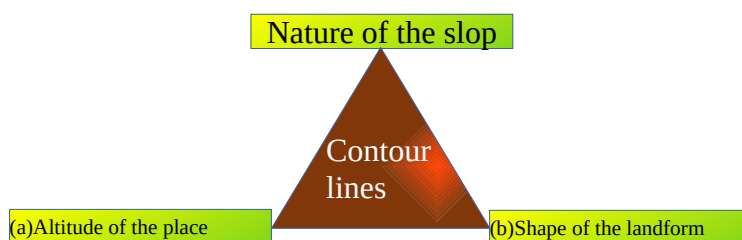
Hint: The number of topographic map is 45D/10

- (1) Scale of this toposheet 1:50000
- (2) The number indicates the million sheet 45
- (3) The degree sheet indicates D
- (4) The minute sheet indicates 10

7 Complete the table.

Geographic features	Colour
Latitudes and longitudes	Black
Forests	(a) Green
Cultivable land	(b) Yellow
Barren land	(c) White
Settlements	(d) Red

8 The three things can be assessed from the contour lines in the topographic map. Complete the figure



9 Choose the correct answer given below and complete the column.

[Contour lines, Contour values, Contour interval, Survey of India, Contour lines, Topographic maps]

- (1) The preparation of Topographic maps in India entrusted by **Survey of India**
- (2) The imaginary lines drawn on maps connecting those places having equal elevation from the sea level **Contour lines**
- (3) The maps depict in minute details all the natural and man made features on the earth's surface **Topographic maps**
- (4) The difference between the value of adjacent contours **Contour interval**
- (5) The respective altitude will be marked with each contour line **Contour values**