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PAGE NO :

DATE : / /

EXPERIMENT NO: 01

STUDY OF ANY 4 TYPES OF MAPS AND WRITING THEIR USES.

1. TITLE OF MAP : Contour Map.

2. SCALE OF MAP :

3. PURPOSE OF MAP:

- * It is used to make decision regarding dams and ghat sections.
- * It is used to determine the terrain.
- * It gives us details about tunnel and idea of flow of water.

4. SYMBOLS SHOWN ON THE MAP:



water bodies (blue)



contour lines (brown)



forest (green)

5. SALIENT FEATURES SHOWN ON THE MAP : river, forest and contour lines

6. MEASURE THE DISTANCE BETWEEN ANY TWO PLACES USING SCALE :

scale of map is not determined

7. ANY SPECIAL FEATURE SHOWN ON THE MAP : NO

8. USES OF CONTOUR MAP:

- * gives direction of river flow for dam and bridge construction.
- * it helps us to locate route at a given slope.
- * it is used to determine the terrain.
- * it helps us to make decisions regarding road, railways and tunnels.
- * contour maps helps in determining the capacity of a reservoir.
- * it helps in choosing sites for factories/industries.
- * used in management of forest resources.
- * contour map is used in working plan preparation.
- * it assures the wildlife of the area.






1. TYPE OF MAP: Geological Map.

2. SCALE OF MAP: _____

3. PURPOSE OF MAP:

- * helps in depth of foundation decision.
- * helps in making decision regarding the type of foundation
- * helps to get details regarding types of rocks.

4. SYMBOLS SHOWN ON THE MAP:

	Sedimentary (Recent and Pleistocene)	{yellow}
	Sedimentary (Tertiary)	{orange}
	Igneous	{green}
	Metamorphic	{pink}
	Metamorphic	{brown}

5. SALIENT FEATURES SHOWN ON THE MAP: boundaries and types of rocks.

6. MEASURE THE DISTANCE BETWEEN ANY TWO PLACES USING SCALE: _____

7. ANY SPECIAL FEATURES SHOWN ON THE MAP: No.

8. USES OF GEOLOGICAL MAP:

- * to represent geological formation.
- * to select type of foundation.
- * to get details regarding types of rocks.
- * helps in making decision about foundation.
- * to determine minerals and ground water.
- * it is used in predicting earthquake, volcano and landslide hazards.
- * helps in characterizing energy and mineral resources & their extraction costs
- * These maps are useful to paleontologists because they indicate the age of rock bodies in which fossils are found.

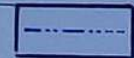
1. TYPE OF MAP: Forest Map (Maharashtra)

2. SCALE OF MAP: _____

3. PURPOSE OF MAP:

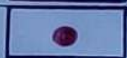
- * determines the density of forest.
- * determines the type of forest in maharashtra.

4. SYMBOLS SHOWN ON THE MAP:



state boundary

(dotted line)



state capital

(red dot)



district headquarter

(black dot)



dense forest

(dark green)



open forest

(light green)



scrub.

(yellow)

5. SALIENT FEATURES: state boundary, state capital, district headquarter, dense forest, open forest and scrub.

6. MEASURE THE DISTANCE BETWEEN ANY 2 PLACES USING SCALE: _____

7. ANY SPECIAL FEATURES SHOWN ON THE MAP: No.

8. USES OF MAHARASHTRA FOREST MAPS:

- * helps in detailing about the forest.
- * helps in purpose study of district.
- * helps in updating stock maps.
- * helps in working plan preparation.
- * helps in management of forest resources and land using planning.
- * the north direction has been marked which helps in determining the direction of neighbour state.

1. TYPE OF MAP: Location Map.

2. SCALE OF MAP:

3. PURPOSE OF MAP:

- * used for town planning
- * Educational zones are indicated
- * Industrial zones are indicated
- * Residential zones are indicated

4. SYMBOLS SHOWN ON THE MAP:



gardens {squares}



rivers {blue}

5. SALIENT FEATURES SHOWN ON THE MAP:

sectors, gardens, industrial, education & residential zones.

6. MEASURE THE DISTANCE BETWEEN ANY 2 PLACES USING SCALE:

scale of the map is not determined.

7. ANY SPECIAL FEATURES SHOWN ON THE MAP: No.

8. USES OF LOCATION MAP:

- * used in calculating traffic intensity
- * used for town planning
- * used to determine locations easily
- * Indicates different sectors.
- * used in indication of several zones such as educational, industrial and residential.