CONSTRUCTION OF PIE DIAGRAM FOR REPRESENTING DOMINANT FUNCTIONS

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PIE DIAGRAM: They are also known as divided circle diagram. A circle is divided into different segments on the basis of calculated angles. The total angle of a circle is 360°, which is divided into parts.

Following the *"Lecture on Dominant and Distinctive Functions of Towns"* we get the data as follows

Total main workers of Siliguri= 148313

The calculated radius for representing total main workers of Siliguri is 217.28 units

The radius when converted according to the selected scale (50 units= 1 cms) is 4.3 cms

Procedure of drawing

• Draw the circle with the radius, converted according to the selected scale

• Divide the circle into different segments as per calculation of angle in degrees for different segments

Following the *"Lecture on Dominant and Distinctive Functions of Towns"* we get the data as follows:

Place	Main workers	Agricultural, Hunting & Forestry, Mining & Quarrying (Angle in	Manufacturing (Angle in degrees)	Service (Angle in degrees)
		degrees)		
Siliguri	148313	8	44	308

The pie diagram would be as follows





The plotting of angles should start from the line as indicated by the blue arrow. The 1st base line for plotting the angles is indicated by the red arrow. Place your protractor on the 1st base line with marking 0° upward and 180° downward. After plotting the first angle, the 2nd base line (indicated by green arrow) for plotting the next angle is obtained. After plotting the 2nd angle, the 3rd base line (indicated by orange arrow) for plotting the next angle is formed. This will be clear from the diagrams below:

Step 1



Placement of Protractor for First angle plotting

Step 2



Placement of Protractor for Second angle plotting





Placement of Protractor for Third angle plotting

The pie diagrams will be placed on a map indicating dominant functions of that particular town