

GEOGRAPHY PROJECT

STD 10 (2013-14)

Project Title:

Report on ANY industrial UNIT in or around RAJKOT

Objectives of the Project:

- 1. Industries of Rajkot and you:** Industries of Rajkot have played a key role in the development seen by the city since long time. We are directly and/or indirectly benefited by them. This Project aims at giving us an opportunity to appreciate this fact.
- 2. Understand various aspects of an industrial unit:** Get an insight to the establishment and working of an Industrial Unit and the role played by various factors.
- 3. Develop real-life skills and attitudes:** Enhance the key skill of communication. Alongside develop 21st century skills like research, organize, analyze, presentation, ICT skills etc.
- 4. Use these skills and knowledge in future:** All these skills and knowledge would serve as important asset for your future endeavors.
- 5. 20 marks 😊**

What should the report contain?

Please note: This is an in exhaustive list of points you should include in your report. You may add and/or delete as per your choice.

1. Introduction:

a. General information:

- Who owns the industrial unit?
- Where is it located?
- What does it produce?
- Any other relevant information worth mentioning?

b. History:

- i. When was the unit set up?
- ii. Why this industry and not some other industry?
For example, why did the entrepreneurs choose to produce auto parts and not some other product like edible oil?
- iii. What were the objectives of setting up the unit?
- iv. Does the enterprise have a vision and mission statement? If yes, what is it?

c. Classification based on various parameters:

- i. Which category does the industry belong to on the basis of various parameters? Also state the reason.
Refer to the assignment in the first follow-up class

2. Factors affecting location

a. Geographical factors

- i. Does the production process, finished goods, etc depend on climate? If yes, how?
- ii. What raw material is used? Where is it obtained from?
- iii. How much water is needed? How is it availed?
- iv. How many units of power does the industry require per month? Or how much does the unit pay for power per month?

b. Economic factors

- i. How many employees work in the unit? What is the ratio of skilled labour to unskilled labour? Where do these laborers come from?
- ii. What mode of transport is used for availing raw material? For distribution of finished goods?
- iii. How much initial capital was required for setting up the industry? How does the management arrange for working capital?
- iv. Banking Facility for loans, transaction of money, safety and security of money
- v. What market does the unit cater to? Where is the market?

c. Social factors

- i. How does the unit gear up to meet changing needs of the society?
- ii. How does the unit maintain a balance between demand and supply?

d. Government policies

- i. What government policies are applicable for the unit?
- ii. How do they favour or hinder the functioning of the industry?

3. Specific information

a. Production process

- i. Total production capacity of the unit
- ii. Journey of raw material to finished product
- iii. Stages and processes involved
- iv. Machines used for various jobs/processes
- v. Manual labor used at different stages
- vi. Production per day/week/month

b. Quality Assurance

- i. Process of quality assurance at various stages during the production process
- ii. Methods adopted to ensure quality

c. Research & Development

- i. Who does the research?
- ii. Is there a separate department? How does the department work?
- iii. In the absence of an R & D department who ensures that relevant changes/updates are brought into the system?
- iv. Illustrations to support the existence of R & D taking place in the industrial unit (having a separate department is not necessary)

d. Marketing

- i. Advertisement of any kind
- ii. Promotional schemes
- iii. Is there a separate department working for marketing? If yes, how does it function?

e. Problems faced

- i. Stable availability of skilled and/or unskilled labor
- ii. Sufficient power supply
- iii. Changing market trends
- iv. Sufficient water supply
- v. Treatment of waste
- vi. Safety and security of all associated with the industrial unit
- vii. Competitors
- viii. Government rules (Ever changing!)

f. Growth of industrial unit

- i. General idea about the growth and development witnessed by the industrial unit since its establishment in terms of turnover, profit, production, production capacity, product range, no. of employees, market share, etc.

g. Major achievements

- i. Any kind of award/recognition received by the industrial unit

4. Impact on the community

a. Welfare programmes

- i. Steps taken to ensure the safety and security of the employees in the industrial campus
- ii. Schemes for the welfare of the employees and their families
- iii. Health and hygiene programmes

b. Contribution to society

- i. Any work done by the industry for the society! Like making gardens, circles, planting trees, providing donations, supporting the underprivileged section of the society, supporting education system etc

c. Environmental impact

- i. Waste management
- ii. Steps taken to save electricity and water
- iii. Steps taken to reduce pollution

General Guidelines

1. Follow timeline and meet the deadlines ☺
2. Submit the confirmation letter in advance to eliminate possibility of duplication
3. You are required to collect authentic information by interacting with appropriate people in the industrial unit. Evidences of the same must be furnished in the project report.
4. Page limit! Short and sweet! We believe anything between 20-25 pages is an ideal one ☺
5. In case of doubt, ASK your teachers!
6. If project reports are found similar, all such projects will be awarded 'zero marks' ☹

Rubric for project report evaluation

	0 mark	1 mark	2 marks	3 marks
Evidence of genuine and independent inquiry	Furnishes no evidence	Furnishes evidence in the form of unlabelled photos / non visual evidence	Furnishes evidence in the form of labeled photos showing interview with key people only	Furnishes evidence in the form of labeled photos tagging different people and situations; Certification from industry
Coverage of all relevant aspects	Very few aspects covered	Most aspects of project covered	All aspects of project well covered	--
Coherence	Information simply presented without justifications	Very few justifications provided	Most information presented in the project is well justified	All information presented in the project is well justified
Handwriting	Shabby handwriting	Readable handwriting	Very Good handwriting	--
Layout and appearance	Unorganised presentation	Fair layout; inappropriate headings; Space not used well	Neat layout; inappropriate headings; space used reasonably well	Neat layout; Appropriate headings; Best use of space
Illustrations	No illustrations / Irrelevant illustrations	Illustrations are not labeled / not properly placed	Illustrations are neat, relevant, labeled and placed appropriately	Illustrations are neat, labeled relevant and complement text; Illustrations are placed appropriately
Report of learning acquired	No report	Report in the form of summary of project; no personal value addition	Well articulated report consisting of individual reflections and projections	--
Compliance with deadline	Does not meet any intermediate deadline	Meets some intermediate deadline	Has followed the timeline and met all deadlines	--

☺HAPPY WORKING ☺