Sheet No(6) Data Collection-transportation planning

(1) Explain the following statement:

"Data collection is the most important stage in transportation planning process."

(2) Use sketches to:

(a) Describe the main characteristics of the external cordon of the study area.

(b) Classify the trips according to study area.

(3) Write short notes about each of the following:

- Dividing the study area into traffic analysis zones
- Zone centroid
- Network representation.

(4) Define the following terms:
(a) link, (b) node, (c) and centroid connectors.

(5) Use sketches to assist your answer:

- Explain the data to be collected for a transportation planning project.

- Describe the methods of data collection.

- Compare between home interview and roadside interview.