



BPN2023: INDUSTRIAL ENGINEERING

REVIEW OF CHAPTER 5: METHODS STUDY

Direction:

With hand writing, answer the following questions. You are required to submit the answer no later than 20 July 2017.

Questions:

1. Explain methods study.
2. Explain the main purposes of methods study.
3. Process charts are designed to meet the needs of two levels of analysis (i.e., micro level and process level). Differentiate between micro-level and macro-level process charts with **THREE (3)** examples each.
4. Distinguish flow process chart and operation process chart.
5. Develop operations process chart of withdrawing money from ATM machine.
6. Explain symbols used in process chart and examples of each process.
7. List the main objectives of the following charts:
 - a. Flow diagram.
 - b. Man-machine chart.
 - c. Gang process chart.
 - d. Left-right hand chart.