**Review of Topic 10**

Self-Check Questions

1. Why is layout planning must be interrelated to capacity decision and the processing technology? (For spatial requirement in the facility)
2. What influence the size and location of the storage and work-in-progress in the layout? (Storage for raw materials/resources as inputs and output storage for finished goods)
3. What are the two forms of operating functions that must be considered for layout plan?

(intermittent operation & continuous operation)

1. What are the three basic layout design?

(process oriented design, product-oriented design & fixed position design)

1. What is the strategic importance of layout decisions?
2. What is cellular layout?
3. What are flexible layout systems?
4. What is line balancing?
5. What is process layout design?

10. Outline the factors that should be considered in locating a nuclear generating plant. List

these factors in order of priority to show each’s importance to the decision.

11. Contrast the location problem of a manufacturing firm and a supermarket, showing the

relevant considerations they share and those that differ.

12. If you expand your existing company by opening a new division in a foreign country,

should the new division be staffed by local personnel or by personnel imported from the

parent organisation? Explain.