**PROBABLE QUESTIONS OF INDUSTRIAL ENGG AND QUALITY CONTROL**

**6TH SEMESTER MECHANICAL ENGG**

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1. Define plant location and layout?
2. Describe the features governing plant location?
3. Explain process, product and combination layout?
4. Define linear programming problem?
5. Differentiate between PERT and CPM?
6. Define inventory?
7. Describe the functions of inventories?
8. Define and explain ABC analysis?
9. Describe the objectives of plant maintenance?
10. Describe the types of plant maintenance?
11. Define inspection and quality control?
12. Describe types of inspection?
13. Explain the types of control charts?
14. Explain the concept of TQM?
15. Explain the concept of JIT?
16. Explain the concept of lean manufacturing?
17. Explain the concept of ISO 9000/14000?
18. What are the factors that influence the quality of manufacture?
19. Describe planning of inspection?
20. Explain the duties and functions of plant maintenance department?