

32061 - INDUSTRIAL ENGINEERING & MANAGEMENT

1. PLANT ENGINEERING AND PLANT SAFETY

Part – A & Part - B

1. What is plant?
2. What is material handling?
3. Define conveyor?
4. What types of maintenance?
5. Give causes of accident proneness.
6. Define accident proneness.
7. Explain principle of material handling?
8. What are the types of layout?
9. What is arbitration?
10. What is fixed layout?
11. What is mediation?
12. Give an example of material handling equipments.
13. What are the types of conveyor?
14. What is product layout?
15. What is process layout?

Part –C

1. Explain the three layouts?
2. Explain man-machine chart?
3. Explain the different types of allowance?
4. Explain the different types of production?
5. State the important provision of factors act 1948 governing safety and health of workers?

2. WORK STUDY, METHOD STUDY AND WORK MEASUREMENT

Part – A & Part - B

1. Define the term productivity?
2. Define production?
3. What are the factors affects of productivity?
4. Define the term stop watch time study?
5. What is rating & basic time?
6. What is observed time?
7. What is work study?
8. Define the term standard time?
9. What is PMTS?
10. Explain method study?
11. What is OPC?

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12. Define work measurement.
13. What are the objectives of method study?
14. What is flow process chart?
15. Application of man-machine chart?

Part –C

1. Explain the man-machine chart?
2. Explain the work measurement and its uses.
3. Explain the process chart?
4. Explain the string diagram.
5. Explain how standard time for a job is arrived at from the observed time?

3. PRODUCTION PLANNING AND QUALITY CONTROL

Part – A & Part – B

1. What is production planning?
2. Define EBQ?
3. What is batch production?
4. What is forecasting?
5. What is process planning?
6. What is fixed cost?
7. What is variable cost?
8. What is brake even analysis?
9. What is scheduling?
10. What is inspection?
11. Define SQC?
12. What are the types of control chart?
13. What is routing?
14. What are the types of production?
15. Write a note on make or buy decision?
16. Write a note on sampling inspection?
17. What are the types of inspection?
18. What is dispatching?
19. What is controlling?
20. What are the methods of forecasting?

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Part – C

1. Explain the major function of PPC?
2. Explain the different methods of forecasting?
3. Explain the different types of inspection?
4. State P and C chart and its application?
5. State the principles of PPC and its uses?
6. Explain the factors that influence of Make and Buy decisions?

4. PRINCIPLES PERSONNEL MANAGEMENT & ORGANIZATIONAL BEHAVIOR

Part – A & Part – B

1. Define management?
2. What is administration?
3. What is organization?
4. Define motivation?
5. What is quality circle?
6. What is responsibility?
7. What is "Esprit-de-corps"?
8. What is staffing?
9. What is BPR?
10. What is leadership?
11. What is JIT?
12. What is TQM?
13. Define 5S?
14. State the function of a manager.
15. What is job evaluation?

Part – C

1. Explain the Taylors pure functional organization using organization chart?
2. Explain the different types of leadership?
3. State the Taylors principles and its uses?
4. State the Henry Fayal principles and its uses?
5. Explain the different types of organization?

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5. FINANCIAL AND MATERIAL MANAGEMENT

Part – A & Part - B

1. What is capital?
2. What is fixed capital?
3. What is working capital?
4. What is a debenture?
5. What is an equity share?
6. Define depreciation?
7. Define EOQ?
8. What is preference share?
9. What are the types of share?
10. Define bin card?

Part – C

1. Explain the block diagram of selling price of product arrived at?
2. Explain the ABC analysis with graph and its advantages?
3. Explain the EOQ with graph?
4. Explain the procedure for raising share capital?
5. Explain the preference and equity shares?