

**1773****Code : 15ME51T**Register  
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**V Semester Diploma Examination, Nov./Dec. 2017****INDUSTRIAL MANAGEMENT****Time : 3 Hours ]****[ Max. Marks : 100****Note :** Answer any **six** questions from Part – A and any **seven** from Part – B.**PART – A**

1. List Henry Fayol's principles of management. **5**
2. Explain the process of communication. **5**
3. Define productivity and list the factors to improve productivity. **5**
4. Explain routing. **5**
5. Define materials management and list the functions of materials management. **5**
6. List the objectives of plant maintenance. Name the types of plant maintenance. **5**
7. Explain preventive maintenance and its advantages. **5**
8. List the effects and control measures of acid rain. **5**
9. Explain ozone layer depletion. **5**

**PART – B**

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|-----|--|----|
| 10. | Explain line organisation, with advantages and disadvantages.          | 10 |
| 11. | Explain the functions of PPC and functions of dispatching.             | 10 |
| 12. | (a) Explain centralised stores and its advantages.                     | 5  |
|     | (b) Explain the concept, JIT (Just in time)                            | 5  |
| 13. | Explain purchasing, its objectives and methods of purchasing.          | 10 |
| 14. | Explain Enterprise Resource Planning (ERP) and its applications.       | 10 |
| 15. | (a) Define quality control and list the objectives of quality control. | 5  |
|     | (b) Explain 5 S house keeping.   | 5  |
| 16. | Explain Pareto charts with graphical representation.                   | 10 |
| 17. | Explain ISO 9000 series and benefits of ISO 9000.                      | 10 |
| 18. | Explain total productive maintenance, its objectives and benefits.     | 10 |
| 19. | (a) Explain briefly causes and effects of environmental pollution.     | 5  |
|     | (b) Explain rain water harvesting.                                     | 5  |

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