

**6601**  
**BOARD DIPLOMA EXAMINATION**  
**JUNE - 2019**  
**\* DIPLOMA IN AUTOMOBILE ENGINEERING**  
**INDUSTRIAL MANAGEMENT & SMART TECHNOLOGIES**  
**FIFTH SEMESTER EXAMINATION**

**Time: 3 Hours**

**Total Marks: 80**

**PART - A (3m x 10 = 30m)**

*Note 1: Answer all questions and each question carries 3 marks*

*2: Answers should be brief and straight to the point and shall not exceed 5 simple sentences*

1. **List out levels of Management**
2. **State the behavioral theory of leadership?**
3. **State the functions of Routing**
4. **Define safety stock, Reorder level**
5. **List out the different types of maintenance.**
6. **What is meant by Zero defect.**
7. **List out ISO 9000 series**
8. **List out any six beneficiary organizations of ISO 9000.**
9. **List out the components of IoT**
10. **State the features of smart building**

**PART - B (10m x 5 = 50m)**

*Note 1: Answer any five questions and each carries 10 marks*

*2: The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer*

11. **Explain the principles of scientific management.**
12. **Explain Line organization structure.**
13. **Explain Break–Even analysis using graphical illustration.**
- 14A. **Explain partnership ownership business.**
- B. **Explain route and operation sheet**

15. Explain various purchasing procedures?
16. Explain the causes of industrial accidents in industry
17. Explain the role of SSI, MSME, DICs in the support of the Entrepreneurs.
18. Describe the working of smart energy and smart grid

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