

**6601**  
**BOARD DIPLOMA EXAMINATION**  
**MARCH/APRIL - 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. State the importance of managerial skills.
2. State the behavioral theory of leadership.
3. List out advantages of planning.
4. List out the applications of RFID in materials management.
5. State the importance of maintenance management?
6. State the role of Entrepreneur?
7. List out ISO 9000 series
8. What is meant by PDCA cycle?
9. List out key features 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. State the principles of Management given by Henry Fayol and explain it
- \* 12. Explain the process of Decision making
13. Explain the factors to be considered for a plant location
- 14A. Differentiate Delegation and Decentralization
- B. Write the rules to draw network diagrams.
15. Explain ABC analysis through graphical illustration .

16. Explain the various Industrial hazards.
17. Explain the various Entrepreneurial Development schemes.
18. <sup>\*</sup> Explain the concept of smart cities with a neat sketch.

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