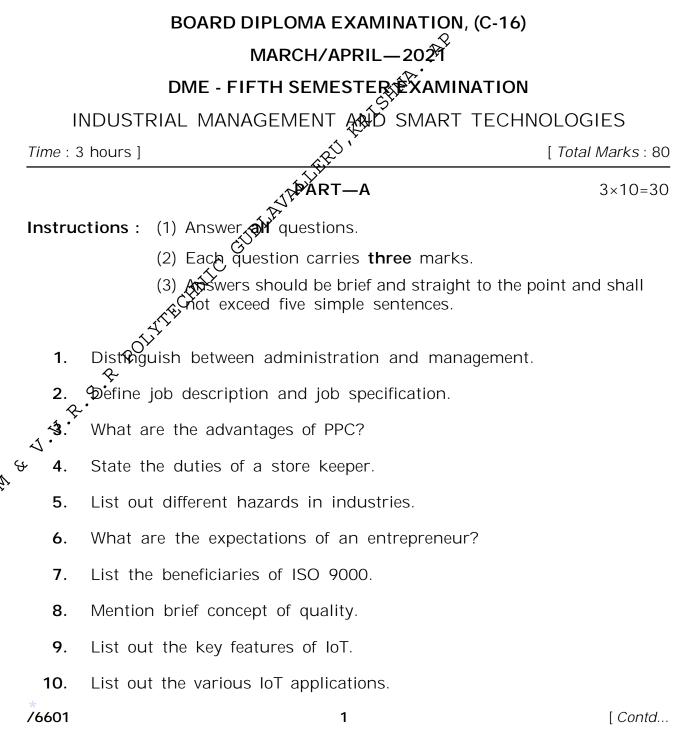


C16-A/AEI-CHST-CM-ECE-EEE-GT-IT-M-PCT-PET-RAC-501

6601



Instructions: (1) Answer *any* **five** questions.

- (2) Each question carries ten marks.
- (3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.
- State the principles of management as listed out by Henry Fayol. 11. Explain them.
- State and explain Maslow's need hierarchy theory of motivation. 12.
- (a) What is meant by comounication? Explain briefly the process 13. of communication.
 - (b) Distinguish between PERT and CPM.
- 14. What is break even analysis? Illustrate graphically the concept of break-even wint.
- (a) What is economic order quantity? Derive an expression for 15. Sconomic order quantity with reference to deterministic model ✤ assuming no shortages. Ô
 - Annual consumption of a certain product is 36,000 units. The (b) ordering cost is `25 and cost per unit is `1. If the inventory carrying cost is 20% per annum, find the economic order quantity.
- P. P. . Explain the various direct and indirect losses of accidents.
 - 17. What is the need for market survey? How is it conducted?
 - 18. Explain smart energy and the smart grid with a neat sketch.