



C09-AEI-602/C09-EC-602/C09-EE-602

3715

BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—2015

DAEI—SIXTH SEMESTER EXAMINATION

INDUSTRIAL MANAGEMENT AND ENTREPRENEURSHIP

Time : 3 hours]

[*Total Marks* : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. Differentiate between authority and responsibility.
2. What is departmentation? Give any two advantages.
3. What are the various sources of man power?
4. Mention the three different time estimates used in PERT.
5. What are inventory and inventory control?
6. List out the various elements of cost.
7. State the features of ISO 9000.
8. What are the main objectives of quality control?
9. What is fixed position layout? Where is it applicable?
10. Write any six factors considered for selection of a site.

PART—B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

- 11.** Briefly explain the line organization with the help of a sketch. State the advantages, disadvantages and applications.
- 12.** Explain Maslow's need priority theory of motivation.
- 13.** (a) Draw the network for the following project.
(b) Identify the critical path.
(c) Find project duration.

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| <i>Activity</i> | : | 1-2 | 1-3 | 1-4 | 2-3 | 2-5 | 3-5 | 4-5 | 5-6 |
| <i>Duration (months)</i> | : | 4 | 5 | 6 | 5 | 4 | 3 | 3 | 2 |

- 14.** Annual demand of a particular product is 18000 units. Ordering cost is ₹ 400 per order. The inventory carrying cost is ₹ 1.60 per unit per year. Find—
(a) economic order quantity;
(b) number of orders per year;
(c) time between orders;
(d) total inventory cost.
- 15.** Explain break-even analysis with the aid of a sketch.
- 16.** Discuss any five elements of quality systems.
- 17.** Explain the role of entrepreneurs in promoting small-scale industries.
- 18.** Explain process lay out with the aid of a sketch. State the advantages and disadvantages.
