BIMEE-030

DIPLOMA – VIEP – MECHANICAL ENGINEERING (DMEVI)

Term-End Examination

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December, 2016

BIMEE-030 : INDUSTRIAL ORGANIZATION AND MANAGEMENT

Time : 2 hours   *Maximum Marks : 70*

Note : *Attempt any five questions. All questions carry equal marks. Use of scientific calculator is permitted.*

1. (a) List all the functions of management. Describe any three of them in detail.

    (b) Differentiate between Administration and Management.   7+7

2. (a) What are the various forms of ownerships ? Describe any two of them with examples.

    (b) Select any service sector organization according to your knowledge and explain its strengths and weaknesses in its globalisation.   7+7

3. (a) Define safety management. Describe the causes of accidents and safety procedures.

   (b) What are the various types of Taxes ? Describe any two of them with examples.   7+7

4. (a) What do you mean by inventory management ? Explain the importance of inventory management in JIT manufacturing.

   (b) Annual demand for an item is 3200 parts. The units cost is ₹ 6 and the inventory carrying charges are estimated as 25% per annum. If the cost of one procurement is ₹ 150, find :

      (i) EOQ

      (ii) Number of orders per year   7+7

5. (a) What is ABC analysis in materials management ? How is it useful in purchasing decisions ?

   (b) Discuss the various costs involved in inventory. What do you understand by the term EOQ ?   7+7

6. (a) Define project and project management. What are the objectives of monitoring and control of projects ?

(b) Write a detailed note on the '5S' concept. How does it help in improving the work environment ? Explain. $7+7$

7. Write short notes on any *four* of the following : $4 \times 3\frac{1}{2} = 14$

(a) Six Sigma Concept

(b) CPM/PERT

(c) SAP/ERP

(d) Motivation

(e) Disputes Act