DIPLOMA IN MECHANICAL ENGINEERING (DME)

Term-End Examination

00065 **December, 2014**

BME-044 : INDUSTRIAL MANAGEMENT

Time : 2 hours   *Maximum Marks : 70*

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

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1. (a) What do you understand by the process of planning ? Enumerate the steps involved in planning.

    (b) Explain the process of planning with the help of a flow diagram.   *7+7=14*

2. (a) What are the two basic elements of sub-system design ? Explain them with respect to their basic dimensions.

    (b) Differentiate between the following :

    (i) Task force structure v/s committee structure

    (ii) Management level v/s operating level

    $$7+3\frac{1}{2}+3\frac{1}{2}=14$$

3. Explain the following with respect to leadership : $4 \times 3\frac{1}{2} = 14$

   (a) Powers a leader can use

   (b) Authoritarian style

   (c) Democratic style

   (d) Managerial grid

4. Fill in the blanks. $4 \times 3\frac{1}{2} = 14$

   (a) An equal amount of ₹ _____ should be invested at the end of each year to obtain an accumulated amount of ₹ 5,00,000 over a period of 5 years at an annual interest rate of 10%.

   (b) An annual amount of ₹ _____ is required to pay off a present amount of ₹ 1,00,000 over 8 years at 16% interest rate.

   (c) ₹ _____ will accumulate over a period of ten years for the present value of ₹ 1,000 at an annual interest rate of 10%.

   (d) The present value of ₹ 1,000 recoverable at the end of the 8th year at an annual interest rate of 20% will be ₹ _____.

5. Explain any seven training methods with respect to their advantages, limitations, practices and specific criterion. *7×2=14*

6. (a) Explain the four criterion suggested by Peter Drucker for selecting the best alternative.

    (b) Explain the interpretation to Maslow's theory given by Frederick Herzberg on need hierarchy. *7×2=14*

7. Write short notes on any *four* of the following : $4\times3\frac{1}{2}=14$

    (a) Financial market

    (b) Span of control

    (c) Matrix organisation

    (d) Characteristics of managerial work

    (e) Fundamental elements of delegation process