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## DIPLOMA IN MECHANICAL ENGINEERING (DME)

**Term-End Examination** 01440

## December, 2013

## **BME-044 : INDUSTRIAL MANAGEMENT**

Time : 2 Hours Maximum Marks : 70 Attempt any six questions. Questions No. 1 is Note : compulsory. Marks are given in each question. Select the most suitable answer : 1 10x2=20(a) The manager is a \_\_\_\_\_. (i) Leader (ii) Management process specialist Change agent (iii) (iv) All of the above (b) The manager should have following different skills: (i) Planning skills (ii) Leading skills Both (iii) (iv) None of the above

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- (c) Scientific management is set of ideas about
  - (i) Training Manpower
  - (ii) Product design
  - (iii) Increasing productivity
  - (iv) All of the above
- (d) The scientific management proposed by F.W. Taylor (1911) .He is \_\_\_\_\_.
  - (i) A mechanical engineer
  - (ii) A management graduate
  - (iii) An industrial engineer
  - (iv) None of the above
- (e) The management activities are :
  - (i) Production
  - (ii) Productivity
  - (iii) Efficiency
  - (iv) All of the above
  - (v) None of the above
- (f) In a systems approach the intermediate step between input and output is \_\_\_\_\_.
  - (i) Productivity
  - (ii) Efficiency
  - (iii) Throughput
  - (iv) Quality

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- (g) Organising as a dynamic process consists of \_\_\_\_\_.
  - (i) Identification of activities
  - (ii) Grouping of activities
  - (iii) Assigning activities
  - (iv) All of the above
  - (v) None of the above
- (h) '\_\_\_\_\_' represents the level of coordination achieved among sub systems in an organisation.
  - (i) Leadership
  - (ii) Team work
  - (iii) Integration
  - (iv) None of the above
- (i) In the functional organisation, the
  \_\_\_\_\_\_ is given complete responsibility and the resources needed for its completion.
  - (i) Production manager
  - (ii) Product manager
  - (iii) Quality manager
  - (iv) Project manager
- (j) " \_\_\_\_\_" is the process by which new behaviours are acquired.
  - (i) Leading
  - (ii) Learning
  - (iii) Motivating
  - (iv) Controlling

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- (a) Briefly describe about executive personality 5+5 and effective executives.
  - (b) What is management process? Why managers should plan their activities ?
- (a) What is planning? What are the barriers of 5+5 planning? Explain the importance of planning.
  - (b) Define leadership. Describe various functions of leadership.
- 4. (a) Define coordination. What are the four 5+5 classical principles of verticle coordination?
  - (b) Under what conditions, would you recommend a functional organisation structure? Explain.
- 5. (a) What is group behaviour? What are the 5+5various characteristics of group behaviour?
  - (b) What is interpersonal relationship? Describe stages of interpersonal relationships.
- (a) What is management development 5+5 programme? Explain the aims of management development at various levels.
  - (b) Define training.Discuss method of evaluation of training.

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- 7. (a) What is safety management system? 5+5
  Describe the important provisions as per Indian factory act.
  - (b) Define minimum wages act, 1948. What are the salient features of E.S.I act ?
- (a) (i) A present value of Rs. 2000 at an 5+5 annual interest rate of 30% over a period of 12 years will accumulate as
  - (ii) The present value of Rs.3000 recoverable at the end of the 6<sup>th</sup> year at an annual interest rate of 15% will be \_\_\_\_\_.
  - (b) (i) An equal annual payment made at an end of each year of Rs.2000 at an annual interest rate of 30% will accumulate at the end of the 12<sup>th</sup> year to \_\_\_\_\_.
    - (ii) The present value of an equal annual payment of Rs. 20,000 made at the end of each year for a period of a 8 year discounted at a rate of 15% will be \_\_\_\_\_.

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