

B.E. Eighth Semester (Electrical Engineering (E & P)) (CGS)  
**10530 : Professional Elective-II :**  
**Power System Management : 8 EL / 8 EE 04 / 8 EX 04**

P. Pages : 2

Time : Three Hours



AU - 3030

Max. Marks : 80

- Notes :
1. Answer **any three** question from Section A and **any three** question from Section B.
  2. Due credit will be given to neatness and adequate dimensions.
  3. Diagrams and chemical equations should be given wherever necessary.
  4. Illustrate your answer necessary with the help of neat sketches.
  5. Use of pen Blue/Black ink/refill only for writing the answer book.

**SECTION - A**

1. a) Define management what are the different functions of management? 7  
b) Explain the role and importance of management in modern society. 7

**OR**

2. a) Explain organizing and controlling functions of management. 7  
b) Write note on "Line and staff organization. 7
3. a) What is meant by marketing planning? Describe the elements of marketing planning. 6  
b) Decision making is the primary taste of manager, explain. Also explain the process of scientific decision making. 7

**OR**

4. a) Write a short note on 'Selection process of an employee. 6  
b) What do you mean by a project? Explain the constituents of a project report. 7
5. a) What is cash budget? Discuss the advantages of preparing a cash budget. 6  
b) Write a short note on "Inventory management. 7

**OR**

6. Write short notes on **any three**.
  - i) Role of training, Research and Development (TRD) in organization. 4
  - ii) Total quality management (TQM). 4
  - iii) ISO- 9000 series. 4
  - iv) Employee welfare schemes. 5

**SECTION – B**

7. a) Explain the reforms in power sector. 7  
b) Discuss the impact of Deregulation of Electrician from the perspective of Government supply utility and consumer. 6

**OR**

8. a) Discuss the effect of fossil fuel power plant on global warming. 7  
b) Describe pollution and depletion of natural resources. 6  
9. a) Explain the functions of state load Dispatch center. 7  
b) Write short note on 'Rural Electrification'. 6

**OR**

10. a) Explain availability based tariff and spot pricing. 7  
b) Explain demand side management. 6  
11. a) Write a short note on power quality. 7  
b) Write a short note on 'Energy metering in power system'. 7

**OR**

12. a) Write short note on 'Power Trading'. 7  
b) "Prevention of drift of rural population to the urban area is the primary objective of rural electrification". Discuss. 7

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