

M.B.A.- II CBCS Pattern Semester-III
PCB3EJ2 - Energy Audit and Management

P. Pages : 1

Time : Three Hours



GUG/W/23/10717

Max. Marks : 70

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- Notes : 1. Attempt **any five** questions.
2. All questions carry equal marks.

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| 1. | Discuss general energy problem and energy use pattern of various types of consumers. | 14 |
| 2. | What is the need of energy conservation? Discuss the scope of energy conservation in industry. | 14 |
| 3. | What is energy audit? Discuss energy monitoring in detail. | 14 |
| 4. | Explain in details Energy Accounting and Analysis. | 14 |
| 5. | Discuss tariffs and power factor improvement. | 14 |
| 6. | Explain electrical energy conservation in building and industries. | 14 |
| 7. | What is load management? Discuss load curve analysis. | 14 |
| 8. | Explain the concept, planning and implementation methods of demand side management. | 14 |
| 9. | Describe economic operation and economic scheduling of power station. | 14 |
| 10. | Write a short note on any two . | 14 |
| | a) Targeting of electrical energy. | |
| | b) Importance of energy conservation with respect to domestic building. | |
| | c) Economic operation of power system. | |
| | d) Energy efficient drives | |
