

M.B.A. (C.B.C.S. & Old Pattern) Sem-III
MBA238J / PCB3EJ2 - Energy Audit and Management

P. Pages : 1

Time : Three Hours



GUG/S/19/10717

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 energy conservation? Discuss the scope for energy conservation. | 14 |
| 3. | What are the different steps involved in energy audit? Explain each step in details. | 14 |
| 4. | Describe energy accounting and analysis in detail. | 14 |
| 5. | Explain how to conserve electrical energy in commercial building. | 14 |
| 6. | Describe economic operation and economic scheduling of power station. | 14 |
| 7. | Discuss in brief Tariffs and power factor improvement. | 14 |
| 8. | What is load Management? Explain load curve analysis. | 14 |
| 9. | Describe auditing and targeting of electrical energy. | 14 |
| 10. | Write a note on any two . | 14 |
| | a) Energy efficient drives. | |
| | b) Demand side management | |
| | c) Load curve Analysis. | |
| | d) Energy conservation in Industry. | |
