

- Q.5 CFL stands for _____
- Compact Fluorescent lamp
 - Constantan filament lamp
 - Closed filament lamp
 - Closed fluorescent lamp
- Q.6 BIS stands for _____
- Board of Indian standards
 - Bureau of India standards
 - Bureau of international specification
 - Board of international standards
- Q.7 Wind turbine converts wind power into _____.
- Potential energy
 - Wind energy
 - Electrical energy
 - Mechanical energy
- Q.8 Which of the following is not a method of power factor correction.
- Auto control
 - Collective correction
 - Proper capacitor selection
 - Manual energy
- Q.9 Standard frequency of power supply in India is
- 50 Hz
 - 100 Hz
 - 60 Hz
 - 120 Hz
- Q.10 EIA stands for _____.
- Environmental impact Assessment
 - Energy impact association
 - Efficient impulse Assessment
 - None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two energy efficient lamps
- Q.12 What is geothermal energy?
- Q.13 Name any two losses in motor.
- Q.14 What do you mean by lumen output ?
- Q.15 What is specific energy consumption?
- Q.16 Stator losses make up about _____ of power losses .
- Q.17 Full form of ECMs _____.
- Q.18 The formal statement of EIA is known as _____.
- Q.19 Define lumen per watt
- Q.20 Bio diesel is Green eco-friendly alternative. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 What is energy management? What is the need of energy conservation?
- Q.22 Explain the different areas of energy conservation in domestic sector
- Q.23 Write a short note on global coal and oil crisis.
- Q.24 Discuss in detail about various type of energy efficient lamps.
- Q.25 What is the purpose, objective and functions of BIS?
- Q.26 Write importance of energy conservation.