

- (c) Distributed among number of middle manager
 - (d) (b) & (c) together
- E.** One unit of electricity is equivalent to kcal heat units.
- a) 800
 - b) 860
 - c) 400
 - d) 680
- F.** An energy policy does not include
- a) Target energy consumption reduction
 - b) Time period for reduction
 - c) Declaration of top management commitment
 - d) Future production projection
- G.** Which of the following is commercial energy source?
- a) Electricity
 - b) Coal
 - c) Oil
 - d) All the above
- H.** Energy consumption per unit of GDP is called as:
- a) Energy Ratio
 - b) Energy intensity
 - c) Per capita consumption
 - d) None
- I.** Non contact speed measurements can be carried out by
- (a) Tachometer
 - (b) Stroboscope



- (c) Oscilloscope
- (d) Odometer
- J.** Maximum demand charges are given in
- kWh
 - kVA
 - kVAr
 - All of these
 - None of these
- K.** The energy strategies of companies have the principle of
- restoring and preserving the environment
 - reducing wastes and pollutants
 - educating the people about energy conservation
 - all of these
 - none of these
- L.** Cloud base energy management system provides the ability to
- Remotely control HVAC
 - Collect real time data
 - Generate intelligent, specific and real time guidance
 - Only b and c
 - All of these
- M.** To reduce the power consumption, the capacitors should be located
- As close as possible to the load
 - As far as possible to the load
 - Not too close not too far from the load
 - All of these
 - None of these
- N.** The wattles component is
- I
 - $I \cos \phi$
 - $I \sin \phi$
 - None of these

Attempt any four questions from Q-2 to Q-8

- Q-2** **Attempt all questions** **(14)**
- (a) Discuss the energy supply for the following resources in India.



