

Scheme – I
Sample Test Paper - I

Program Name : Electrical Engineering Group
Program Code : EE/EP/EU
Semester : SIXTH
Course Title : *Emerging Trends in Electrical Engineering*
Marks : 20

22628

Time: 30 Minutes

Instructions:

- (1) All questions are compulsory.
- (2) Select your answer from given options.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data if necessary.

Q.A Attempt the following questions. (12 Marks)

1. Internet of things is natural extension of -----
 - a. Smart Factory
 - b. Computer
 - c. SCADA
 - d. I3.0
2. IOT is evolved from ----- communication
 - a. B2B
 - b. M2B
 - c. M2H
 - d. M2M
3. Data speed in 4G is_____
 - a. 10Mbps
 - b. 64Kbps
 - c. 2 Mbps
 - d. 2.4 Kbps
4. Electrical power and locomotives are the inventions of
 - a. First revolution
 - b. Second revolution
 - c. Third Revolution
 - d. Fourth revolution
5. Electric grid is a single entity with
 - a. Multiple generation plants and transmission network
 - b. Conventional generation plants and transmission network
 - c. Multiple generation plants and distribution network
 - d. Multiple generation plants, transmission and distribution network
6. Objective of Smart grid is...
 - a. Smart utilization of all the available resources.
 - b. Best utilization of all the available resources
 - c. optimum utilization of all the available resources.
 - d. all of the above

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James H. Bentley



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