

**Department of Electronics & Communication Engineering, Faculty of Engineering,
Integral University, Lucknow**

Quiz 1

High Voltage DC Transmission (EE-036)

Candidate Name & Roll Number:

Date :

1. Basic requirement of Transmission system are
 - (a) Power transfer
 - (b) Deliver power at specified voltages, frequency and waveform
 - (c) No radio interference and TV interference
 - (d) All above

2. Basic parameters of a transmission line are
 - (a) Resistance (b) Inductive reactance(series) (c) Shunt capacitive reactance (d) All

3. which of the following is usually not the generating voltage
 - (a) 6.6kv (b) 9.9kv (c) 13.2kv (d) 11kv

4. Large industrial consumers are supplied power at
 - (a) 400kv (b) 11kv (c) 66kv (d) 132kv

5. Standard domestic ac supply voltage in India is
 - (a) 220V (b) 230V (c) 240V

6. Extra High Voltages are necessary for transfer of
 - (a) Large block of power over short distances
 - (b) Large block of power over long distances
 - (c) For every project
 - (d) None of above

7. HVDC transmission link has

- (a) Switchyard at each end
- (b) Converter station at each end
- (c) Large filter banks at each end
- (d) All of the above

8. In India high voltage transmission is mostly by

- (a) overhead system
- (b) both (a) and (b)
- (c) none of the above

9. In a transmission system, the weight of copper used is proportional to

- (a) E^2
- (b) E
- (c) $1/E^2$
- (d) $1/E$

10. The underground system cannot be operated above

- (a) 220kV
- (b) 66kV
- (c) 33kV
- (d) 11kV