ASSIGNMENT : 2

1. Discuss the protection employed against loss of excitation of an alternator.

2. Explain installation and commissioning tests to be performed on a relay.

3. With a neat sketch, discuss the differential scheme for bus-zone protection.

4. Explain the principle of carrier aided directional comparison relaying for an internal fault and an external

5. What is meant by loss of excitation in a generator? What protection is used against it?

6. Compare the time-current characteristics of IDMT, very-inverse and extremely inverse overcurrent relays

7. Discuss IDMT Relay ?

8. Define the following:
Reach, Overreach, Underreach, Fault Clearing time,
CT ratio error, CT phase angle error, Unit protection

9. Discuss a protective scheme for the protection of parallel feeders and ring main system.

10. Draw and explain the circuit connections of three MHO units used at a particular location for the three zone