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| **S NO** | **QUESTION** | **KNOWLEDGE****LEVEL** | **CO** |
| **UNIT I** |
| **1** | Discuss about different load modeling and their charectrics. | **K2** | **CO1** |
| **2** | Explain how the load growth in a distribution system can be obtained. | **K2** | **CO1** |
| **UNIT 2** |
| 1 | Describe the basic design of secondary distribution system and discuss about secondary banking. | **K2** | **CO2** |
| 2 | Distinguish between primary and secondary feeders. | **K3** | **CO2** |
| **UNIT 3** |
| **1** | Describe the importance of distribution substation with example. | **K2** | **CO3** |
| **2** | Explain the benefits derived through optimal location of substation. | **K2** | **CO3** |
| **UNIT 4** |
| **1** | Discuss the voltage drop is considered as important factor in distribution in distribution system. | **K2** | **CO3** |
| **2** | Write a short note on 3-phase balanced and non 3-phase primary line systems. | **K1** | **CO3** |
| **UNIT 5** |
| **1** | Enumerate the basic series capacitive compensation in feeder lines. | **K2** | **CO4** |
| **2** | Discuss the effect of series capacitive compensation in transmission lines. | **K2** | **CO4** |
| **UNIT 6** |
| **1** | Describe the line drop compensation how it is used along with tap changer of transformer for voltage control. | **K2** | **CO4** |
| **2** | Explain in detail about the effect of series capacitor for voltage control. | **K2** | **CO4** |