

## Chapter 10 Transformers

1. What is the function of a transformer? How is it constructed? Why is the core laminated?
2. Using suitable sketches, explain the principle of transformer operation. What is leakage flux?
3. Why are some transformers provided with tap changers? What precautions should be observed when operating a manually operated tap changer?
4. Explain why increasing the load on the secondary of a transformer causes the primary current to increase.
5. What is an autotransformer? State several applications of autotransformers.
6. Differentiate between subtractive and additive polarity as it applies to transformers.