

SECTION-B

2. Explain the congestion management methodologies.
3. Explain the term transmission open access and also explain how the transaction cost are allocated.
4. What are different role of ISO for competitive electricity market?
5. Explain the evolution of the role of the transmission provider (T.P.).
6. Explain the different types of problems related to power pool.

SECTION-C

7. Draw and explain the three different model of electricity market.
8. A monopolist faces the following demand curve :

$$Q = 144/P^2$$

where Q is the quantity demanded and P is price. Its average variable cost is

$$AVC = Q^{1/2},$$

and it's fixed cost is 5.

- a. What are its profit-maximizing price and quantity? What is the resulting profit?
 - b. Suppose the government wants to set a ceiling price that induces the monopolist to produce the largest possible output. What price will do this?
9. Explain any five components of restructured systems representing the various segments of electricity market.