

No. of Printed Pages : 4

BEE-001

**ADVANCED CERTIFICATE IN
POWER DISTRIBUTION
MANAGEMENT
(ACPDM)**

Term-End Examination

June, 2025

BEE-001 : POWER DISTRIBUTION SECTOR

Time : 3 Hours

Maximum Marks : 100

Note : *The paper has three Sections. Attempt all Sections.*

Section-A

Note : Attempt all questions.

1. Fill in the blanks from the choices given below : $10 \times 1 = 10$
(Smart card, industry, benchmarking, tariff, grid, ABT, frequency, scheduling, trading, cash)

- (a) The energy meter is the register of a utility.
- (b) is a component of ABT.
- (c) Expected output capability is declared day ahead by
- (d) Prepaid metering is a system whereby consumers purchase electricity through a
- (e) can be considered as a competition tool for building competitive advantage.
- (f) The Electricity Act, 2003 has declared electricity as
- (g) compliant meters are known as special energy meters.
- (h) Electricity Act, 2003 has consolidated the laws relating to generation, transmission, distribution and of electricity.
- (i) There is a political interference in setting of which results in

substantial cross subsidisation in retail tariff amongst various consumer categories.

- (j) Monitoring the parameters of the is the prime real time function of the load despatch centre.

Section-B

Note : Attempt any *ten* questions. $10 \times 7 = 70$

2. What do you mean by Open Access ?
3. What is the role of CEA ?
4. State the function of BEE.
5. Cite an example of a State Government achieving reforms in distribution sector.
6. What does Grid Management involve ?
7. Write a short note on 'Standards and Labelling' implemented by BEE.
8. How did formation of SERC help power sector ?
9. Explain installation practices for meters to be observed to guard against tampering.

10. What factors contribute to high commercial losses ?
11. What are the different methods of theft and pilferage ?
12. How can customer satisfaction be assessed ?

Section-C

Note : Attempt any *two* questions. 2×10=20

13. What are the reasons for poor financial health of SEBs ?
14. Explain the properties of Key Performance Indicator (KPI). Identify the KPIs for supply availability and reliability.
15. Discuss the role of Electricity Regulatory Commission on the tariff policy of electricity power business.

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