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BEE-001

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

Term-End Examination

June, 2026

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 : 10×1=10
(profit centre, smart card, open, standards, grid, benchmarking, UI, ERC, CRM, HVDS)

- (i) Prepaid metering is a system whereby consumers purchase electricity through a
- (ii) is a component of ABT.
- (iii) One of the thirist areas of NEP is for access to distribution initially for bulk consumers.
- (iv) Advantage of is that it discourages hooking by consumers.
- (v) Monitoring the parameters of the is the prime real time function of the load dispatch centre.
- (vi) Electricity Act, 2003 had declared all streams of the electricity sector as individual
- (vii) The main function of is evolving a policy for setting the tariff for purchase and sale of electricity.
- (viii) can be considered as a competitive tool for building competitive advantage.

- (ix) As per NEP, Regulatory Commissions to specify expected
- (x) is not just a technology, rather a holistic approach of an organization for dealing with its customers.

Section-B

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

2. Cite an example of a state government achieving reforms in distribution sector.
3. How did formation of SERC help in power sector ?
4. What do you mean by ARR ?
5. What may be the KPIs for consumer service in a distribution utility ?
6. State the functions of BEE.
7. What factors contribute to high commercial losses in distribution sector ?
8. What are the criteria for selection of rating/size of DTRs ?
9. What does SEM do ?

10. Distinguish between T & D and AT & C losses.
11. Suggest ways to reduce distribution transformer failure rate in your utility.
12. Make a list of substation equipments.

Section-C

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

13. Explain hot line maintenance techniques and tools.
14. Discuss the methodology for meter installation and commissioning.
15. List the different types of underground cables in use today. What criteria are used for the selection of these cables.

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