

No. of Printed Pages : 4

BEE-001

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

Term-End Examination

June, 2023

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

(CRM, ERC, smart card, tariff, benchmarking,
industry, pedestal, hot line maintenance, bio-
mass, strong)

(a) The main function of is evolving a
policy for setting the tariff for purchase
and sale of electricity including the retail
tariff to be paid by the end consumer.

P. T. O.

- (b) Work performed on transformers and distribution lines while they are energised and in service is called
- (c) The insulators in use at substations are post insulators of type.
- (d) The Electricity Act, 2003 has declared electricity as
- (e) Gram Panchayats, franchisees can be used for
- (f) Prepaid metering is a system whereby consumers purchase electricity through a
- (g) is not just a technology, rather, a holistic approach of an organisation for dealing with its customers.
- (h) can be considered as a competition tool for building competitive advantage.
- (i) Development of grid is an important focus of National Electricity Policy.
- (j) can be promoted as alternative fuel for power generation.

Section—B

Note : Attempt any *ten* questions. 10×7=70

2. What do you understand by Cross-Subsidy ?
3. Why Appellate Tribunal has been created ?
4. Write a short note on clean development mechanisms.
5. What does SEM do ?
6. What was the purpose of launching APDRD ?
7. Distinguish between preventive maintenance and breakdown maintenance.
8. What are the important features for trading of electricity ?
9. What do you mean by ARR ?
10. Suggest ways to reduce distribution transformer failure rate in your utility.
11. Explain the metering techniques used for LT and HT consumer metering.

12. What are the activities involved in distribution system planning ?

Section—C

Note : Attempt any *two* questions. $2 \times 10 = 20$

13. What are the reasons for poor financial health of SEBs ?
14. What are the main factors underlying technical losses ?
15. How can CRM be applied in the organisation in the power business sector ?