

**ADVANCED CERTIFICATE IN POWER
DISTRIBUTION MANAGEMENT**

**Term-End Examination 00471
December, 2012**

BEE-001 : POWER DISTRIBUTION SECTOR

Time : 3 hours

Maximum Marks : 100

*Note : This paper has three sections. Attempt all sections.
Answer question in English language only.*

SECTION-A

Attempt all questions

1. Fill in the blanks : **10×1=10**
- (a) Electricity Act, 2003 has consolidated the laws relating to generation, transmission, distribution and _____ of electricity.
- (b) Development of _____ grid is an important focus of National Electricity Policy.
- (c) Development of _____ is required for over coming power shortage.
- (d) _____ can be promoted as alternative fuel for power generation.

- (e) _____ compliant meters are known as Special Energy Meters.
- (f) Grid management at Regional Level is done by _____ .
- (g) _____ play crucial role in reducing power shortage.
- (h) Expected out put capability is declared day ahead by _____ .
- (i) _____ is a component of ABT
- (j) Power distribution engineer's responsibility is to manage the operating system at an optimum _____ .

SECTION-B
Attempt all questions

10x3=30

2. What do you understand by Cross - Subsidy ? 3
3. Why Appellate Tribunal has been created ? 3
4. Write short notes on Clean Development Mechanism. 3
5. What are the important features for trading of electricity ? 3
6. Mention about the parameters on quality of power supply. 3
7. What was the purpose of launching APDRP ? 3
8. Who are the stakeholders for consultation process to determine electricity tariff ? 3
9. Distinguish between Preventive Maintenance and Breakdown Maintenance. 3
10. What does SEM do ? 3
11. What are the parameters a Trivector Meter record ? 3

SECTION-C

Attempt *any ten* questions

10×6=60

12. What do you mean by open Access ? 6
13. What is the role of CEA ? 6
14. State the function of BEE. 6
15. How did formation of SERC help power sector ? 6
16. How has the distribution scenario changed after the enactment of Electricity Act, 2003 ? 6
17. What do you mean by ARR ? 6
18. What are the reasons for poor financial health of SEBs ? 6
19. Site an example of a State Government achieving reforms in distribution sector. 6
20. What are the main factors underlying Technical Losses ? 6

21. How can Customer Satisfaction be improved by power distribution utilities ? 6
 22. Explain the term 'Bench marking'. 6
 23. What may be the KPIs for consumer service in a distribution utility ? 6
 24. What does Grid Management involve ? 6
 25. Write short notes on 'Standards and Labelling' implemented by BEE. 6
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