

ADVANCED CERTIFICATE IN POWER

DISTRIBUTION MANAGEMENT

Term-End Examination

June, 2014

00255

BEE-003 : MANAGEMENT OF POWER

DISTRIBUTION

Time : 3 hours

Maximum Marks : 100

Note : Attempt *all* sections.

SECTION A

1. State whether the following statements are **true**
or **false** :

10×2=20

- (a) The T & D losses in India are estimated to be over 50%.
- (b) Money can buy anything or bring any change we want.
- (c) Only 56% of households and just 44% in the rural belts have access to electricity.
- (d) In the Inverted Management Pyramid, CEO has the least important role in driving the business.
- (e) In project development and implementation, short-term planning should accord maximum priority to loss reduction.

- (f) Payback period is the ratio of total cost inflows per year to total capital investment.
- (g) Trading Account is prepared to find out Gross Profit due to operation of business.
- (h) If the firm earns less than the cost of borrowed funds, the firm is said to have an unfavourable financial leverage.
- (i) Profit Volume Ratio = $\frac{\text{Change in Sales}}{\text{Change in Profit}} \times 100$
- (j) Power factor can be improved by installation of Static VAR Compensator.

SECTION B

Attempt any ten questions from this section.

10×4=40

2. What is organisational change ? Explain in brief.
3. What problems are encountered in vertical communication ?
4. How would you access the bidder's response to turnkey contracts ?
5. Describe the importance of customer satisfaction.
6. List the major cost components which should be incorporated in a DPR.
7. Why is it important for the line managers to be careful about non-verbal communication ?
8. Why do organisations need to have a statement of vision and values ?
9. What skills should a project manager possess ? Describe them in brief.
10. Name the different critical skills necessary to become a great leader in any organisation.
11. Describe the external noises in communication system.
12. Define any three leverage ratios.
13. Distinguish between 'tangible assets' and 'intangible assets'.

SECTION C

Attempt any *five* questions from this section.

5×8=40

14. Explain in detail the supply chain management system with suitable examples.
15. What are the main determinants of motivation ? Relate these determinants to your organisation and discuss how they help in improving motivational climate in your organisation.
16. Prepare a comparative chart of factors of importance for rural and urban areas in the power distribution network.
17. What is conflict management ? Describe the three frameworks of conflict management.
18. Explain how costing techniques are useful in the process of managerial decision making.
19. Discuss and compare contemporary models of people change management.
20. Describe the process of DPR preparation. Highlight the process of benefit calculation for scheme development.