

**EVALUATION SCHEME**  
For March-2021 and on words Examination  
STD-XII

**Power Distribution Lineman (F8)**

**Scheme of Examination:**

Sr. No.	Method of Assessment	Weightage of Marks	Evaluator
1	Theory Paper (Written)	30 Marks (80 Marks converted 30 Marks)	School / State Board
2	Practical Exam	30 Marks	Certified Assessor/State Board
3	Term Work (Journal)	10 Mark	School Instructor / Trainer
4	Project Work	10 Mark	School Instructor / Trainer
5	Oral / Viva Vocu	10 Mark	School Instructor / Certified Assessor
6	Direct Observation	10 Mark	School Instructor / Certified Assessor
	<b>Total Marks</b>	<b>100 Marks</b>	

**1] Unit wise Marks Distribution of written test paper:**

Paper Time: 3 hours

Marks: -80

Sr. No	Unit (Contains)	Mark	Mark With option
1	Communication Skills	05	08
2	Self Management Skills	05	09
3	Information and Communication Technology Skills	04	04
4	Entrepreneurial Skills	03	06
5	Green Skills	03	03
6	Basic Electricity II	11	17
7	Observe the Operation and Maintenance of 11/0.433 KV Distribution Substation	18	27
8	Safety Precautions for Electrical Work	09	13
9	Workplace Management, Safety And Health	22	33
	<b>Total</b>	<b>80</b>	<b>120</b>

## 2] Practical Exam:

• <b>Practical Time</b>	• <b>3 Hours</b>
• <b>Practical Subject</b>	As per Power Distribution Lineman practical book
• Any one practical should be given from the text book by lot system to each group / individual.	
• <b>Total Marks of Practical</b>	• <b>30 Marks</b>

## 3] Term Work (Journal):

• <b>Term Work (Journal)</b>	• Journal maintained by the students during the academic year.
• <b>Term Work (Journal) Subject</b>	• Power Distribution Lineman
• <b>Total Marks</b>	• <b>10 Marks</b>

## 4] Project Work:

<ul style="list-style-type: none"><li>• The project work given in syllabus is only for guideline.</li><li>• Candidate, with approval from the Instructor / Trainer, may choose any one project and prepare it.</li><li>• He has full liberty to prepare any useful project other than the mentioned projects.</li><li>• He may write a visit report about any nearest Industry and their product.</li><li>• One project should be compulsory for each student or a group of maximum 4 students.</li></ul>	
• <b>Total Marks</b>	• <b>10 Marks</b>

<b>5] Oral/Viva vocu:</b>	<b>10 Marks</b>
<b>6] Direct Observation:</b>	<b>10 Marks</b>

## Written Test Paper - STD-XII

### **Power Distribution Lineman (F8)** Question Wise Distribution of Marks.

<b>Sr. No</b>	<b>Types of Questions</b>	<b>Marks</b>	<b>Marks with option</b>
1	Objectives (1 Mark)	20	20
2	Short Answer Type (3 Marks)	24	36
3	Long Answer Type (4 Marks)	24	40
4	Long Answer Type (6 Marks)	12	24
	<b>Total Marks</b>	<b>80</b>	<b>120</b>

**Pattern of Question Paper**  
**STD- XII**  
**Power Distribution Lineman (F8)**

Time: 3 hrs.

Marks: 80

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- Notes:**
1. All questions are compulsory.
  2. Draw diagrams wherever necessary.

Q. No. 1.A) Select the correct alternative and rewrite the sentence 5

1. ....  
a) ..... b) ..... c) ..... d).....
2. ....  
a) ..... b) ..... c) ..... d).....
3. ....  
a) ..... b) ..... c) ..... d).....
4. ....  
a) ..... b) ..... c) ..... d).....
5. ....  
a) ..... b) ..... c) ..... d).....

B) Match the following pairs. 5

- | Column 'A' | Column 'B' |
|------------|------------|
| 1.         | a)         |
| 2. b)      |            |
| 3. c)      |            |
| 4. d)      |            |
| 5. e)      |            |

C) State the following statement is true or false and rewrite the correct statements.5

- 1.
- 2.
- 3.
- 4.
- 5.

D) Answer the following questions in ONE sentence. 5

- 1.
- 2.
- 3.
- 4.
- 5.

Q. No. 2) Answer the following questions in short. (Any four) 12

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Q. No. 3) Answer the following questions in short. (Any four) 12

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Q. No. 4) Answer the following questions in brief. (Any three) 12

- 1.
- 2.
- 3.
- 4.
- 5.

Q. No. 5) Answer the following questions in brief. (Any three) 12

- 1.
- 2.
- 3.
- 4.
- 5.

Q. No. 6) Answer the following questions in brief. (Any two) 12

- 1.
- 2.
- 3.
- 4.

**Pattern of Question Paper**  
**STD- XII**  
**Power Distribution Lineman(F8)**

Time: 3 hrs.

Marks: 80

- Notes:** 1. All questions are compulsory.  
2. Draw diagrams wherever necessary.

Q. No. 1.A) Select the correct alternative and rewrite the sentence 5

1. Communication Skills

a) ..... b) ..... c) ..... d).....

2. Self Management Skills

a) ..... b) ..... c) ..... d).....

3. Information Communication Technology

a) ..... b) ..... c) ..... d).....

4. Basic Electricity II

a) ..... b) ..... c) ..... d).....

5. Observe the operations and Maintenance of 11/0433KV Distribution Substation

a) ..... b) ..... c) ..... d).....

B) Match the following pairs. 5

Column 'A'

Column 'B'

1 Self Management Skills

a)

2 Communication Skills

b)

3 Information Communication Technology

4 Observe the operations and Maintenance

of 11/0433KV Distribution Substation

d)

5 Information Communication Technology

e)

C) State the following statement is true or false and rewrite the Correct statements. 5

1 Basic Electricity II

2 Information Communication Technology

3 Observe the operations and Maintenance of 11/0433KV Distribution Substation

4 Safety Precaution for Electrical Work

5 Workplace Management Safety and Health

D) Answer the following questions in ONE sentence. 5

1 Basic Electricity II

2 Observe the operations and Maintenance of 11/0433KV Distribution Substation

- 3 Safety Precaution for Electrical Work
- 4 Workplace Management Safety and Health
- 5 Observe the operations and Maintenance of 11/0433KV Distribution Substation

Q. No. 2) Answer the following questions in short. (Any four) 12

1. Communication Skill
2. Self Management Skills
3. Entrepreneurial Skills
4. Observe the operations and Maintenance of 11/0433KV Distribution Substation
5. Workplace Management Safety and Health
6. Safety Precaution for Electrical Work

Q. No. 3) Answer the following questions in short. (Any four) 12

1. Green Skills
2. Observe the operations and Maintenance of 11/0433KV Distribution Substation
3. Workplace Management Safety and Health
4. Communication Skill
5. Entrepreneurial Skills
6. Workplace Management Safety and Health

Q. No. 4) Answer the following questions in brief. (Any three) 12

1. Self Management Skills
2. Workplace Management Safety and Health
3. Basic Electricity II
4. Safety Precaution for Electrical Work
5. Observe the operations and Maintenance of 11/0433KV Distribution Substation

Q. No. 5) Answer the following questions in brief. (Any three) 12

1. Workplace Management Safety and Health
2. Safety Precaution for Electrical Work
3. Workplace Management Safety and Health
4. Basic Electricity II
5. Safety Precaution for Electrical Work

Q. No. 6.A) Answer any one questions in brief. 06

1. Basic Electricity II

2. Observe the operations and Maintenance of 11/0433KV Distribution Substation

Q. No. 6.B) Answer any one questions in brief. 06

1. Observe the operations and Maintenance of 11/0433KV Distribution Substation

2. Workplace Management Safety and Health



**STD-X:**  
**Blue Print of Unit wise Marks Distribution(F8)**  
**Power Distribution Lineman**

SR.NO	Units	Knowledge						Understanding						Application						Total Marks	Total Marks with option	
		OB		SA		LA		OB		SA		LA		OB		SA		LA				
		Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions	Marks	Questions			
1	Communication Skills	1	1							3	1			1	1	3	1			05	08	
2	Self Management Skills					4	1	1	1	3	1			1	1					05	09	
3	Information and Communication Technology Skills	1	1					1	1					1	2					04	04	
4	Entrepreneurial Skills									3	1					3	1			03	06	
5	Green Skills									3	1									03	03	
6	Basic Electricity II	1	1					1	1			4	1	1	1			4	1	11	17	
7	Observe the Operation and Maintenance of 11/0.433 KV Distribution Substation	1	2	3	1			1	2	3	1	6	1	1	1			4	1	18	27	
8	Safety Precautions for Electrical Work							1	2			4	2			3	1	4	1	09	13	
9	Workplace Management, Safety And Health	1	1	3	1	4	1	1	1	3	1	4	1			3	1	6	1	22	33	
		1	6	3	2	4	3	1	8	3	6	4	4	1	1	6	3	4	4	3	80	120

**Note:** O.B – Objective.

S.A.- Short answer type (3marks)

L.A.- Long answer type (4 marks &6 marks)

