

**EVALUATION SCHEME**  
For March-2021 and on words Examination  
STD-X (Level 2)

## Electronics-Field Technician Other Home Appliances (94)

### 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	03	03
3	Basic ICT Skills	05	08
4	Entrepreneurial Skills	04	08
5	Green Skills	03	03
6	Electrical Components and Motors	16	24
7	Repair and Maintenance of Mixer/Juicer/Grinder	19	28
8	Repair and Maintenance of Microwave Oven	19	28
9	Maintain Health and Safety	6	10
	<b>Total</b>	<b>80</b>	<b>120</b>

## 2] Practical Exam:

• <b>Practical Time</b>	• <b>3 Hours</b>
• Practical Subject	• As per Electronics-Field Technician-Other Home Appliances 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):

• Term Work (Journal)	• Journal maintained by the students during the academic year.
• Term Work (Journal) Subject	• Electronics-Field Technician-Other Home Appliances
• <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-X (Level 2)

## Electronics & Hardware Installation Technician (94)

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- IX(Level-2)

### Electronics & Hardware Installation Technician (94)

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- X (Level-2)

### Electronics & Hardware Installation Technician (94)

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. Basic ICT Skills

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

3. Electric Components and Motors

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

4. Repair and Maintenance of Mixer/ Juicer/Grinder

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

5. Maintain Health and Safety

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

B) Match the following pairs. 5

Column 'A'

Column 'B'

- |   |    |
|---|----|
| 1 Electrical Components and Motors                | a) |
| 2 Repair and Maintenance of Mixer/ Juicer/Grinder | b) |
| 3 Communication Skills                            | c) |
| 4 Maintain Health and Safety                      | d) |
| 5 Electrical Components and Motors                | e) |

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

- 1 Basic ICT Skills
- 2 Electrical Components and Motors
- 3 Repair and Maintenance of Mixer/ Juicer/Grinder
- 4 Maintain Health and Safety
- 5 Repair and Maintenance of Mixer/ Juicer/Grinder

D) Answer the following questions in ONE sentence. 5

- 1 Repair and Maintenance of Mixer/ Juicer/Grinder
- 2 Electrical Components and Motors
- 3 Repair and Maintenance of Mixer/ Juicer/Grinder
- 4 Electrical Components and Motors
- 5 Repair and Maintenance of Mixer/ Juicer/Grinder

- Q. No. 2) Answer the following questions in short. (Any four) 12
1. Self Management
  2. Communication Skill
  3. Basic ICT Skills
  4. Green Skills
  5. Electrical Components and Motors
  6. Repair and Maintenance of Mixer/ Juicer/Grinder
- Q. No. 3) Answer the following questions in short. (Any four) 12
1. Communication Skill
  2. Basic ICT Skills
  3. Electrical Components and Motors
  4. Repair and Maintenance of Microwave Oven
  5. Maintain Health And Safety
  6. Repair and Maintenance of Microwave Oven
- Q. No. 4) Answer the following questions in brief. (Any three) 12
1. Entrepreneurial Skills
  2. Electrical Components and Motors
  3. Repair and Maintenance of Mixer/ Juicer/Grinder
  4. Electrical Components and Motors
  5. Repair and Maintenance of Microwave Oven
- Q. No. 5) Answer the following questions in brief. (Any three) 12
1. Maintain Health and Safety
  2. Repair and Maintenance of Mixer/Juicer/Grinder
  3. Electrical Components and Motors
  4. Repair and Maintenance of Mixer/ Juicer/Grinder
  5. Entrepreneurial Skills
- Q. No. 6) Answer the following questions in brief. (Any two) 12
1. Repair and Maintenance of Microwave Oven
  2. Repair and Maintenance of Mixer/Juicer/Grinder
  3. Repair and Maintenance of Microwave Oven
  4. Repair and Maintenance of Microwave Oven

# STD-X: Level 2

## Blue Print of Unit wise Marks Distribution Electronics & Hardware Installation Technician (94)

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									3	1									03	03
3	Basic ICT Skills	1	1	3	1			1	1							3	1			05	08
4	Entrepreneurial Skills											4	1					4	1	04	08
5	Green Skills									3	1									03	03
6	Electrical Components and Motors	1	3			4	1	1	1	3	1	4	1	1	2	3	1	4	1	16	24
7	Repair and Maintenance of Mixer/Juicer/Grinder	1	3	3	1			1	2			4	2	1	2			4	1	19	28
8	Repair and Maintenance of Microwave Oven					6	1			3	1	4	1			3	1	6	1	19	28
9	Maintain Health and Safety							1	3							3	1	4	1	06	10
		1	8	3	2	4	1	1	7	3	5	4	5	1	5	3	5	4	4	80	120

Note: O.B – Objective.

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

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