

**EVALUATION SCHEME**  
**For March-2019 and on words Examination**  
**STD-X (Level 2)**  
**Electronics Technology (93)**

**Scheme of Examination:**

<b>Sr. No.</b>	<b>Method of Assessment</b>	<b>Weightage of Marks</b>	<b>Evaluator</b>
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

<b>Sr. No</b>	<b>Unit (Contains)</b>	<b>Mark</b>	<b>Mark With option</b>
1	Basic Electronics (Advanced)	16	24
2	Applied Electronics	12	18
3	Digital Electronics (Elementary)	16	24
4	Power Supply	16	24
5	Soldering Techniques	20	30
	<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 Technology 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 Technology
• <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 Technology (93)**

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-1)**  
**Electronics Technology (93)**

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

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. 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 Technology (93)**

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. Basic Electronics(Advanced)  
a) ..... b) ..... c) .....
2. Applied Electronics  
a) ..... b) ..... c) .....
3. Digital Electronics(Elementary)  
a) ..... b) ..... c) .....
4. Power Supply  
a) ..... b) ..... c) .....
5. Soldering Techniques  
a) ..... b) ..... c) .....

B) Match the following pairs. 5

- | Column 'A'             | Column 'B' |
|------------------------|------------|
| 1 Basic Electronics    | a)         |
| 2 Applied Electronics  | b)         |
| 3 Digital Electronics  | c)         |
| 4 Power Supply         | d)         |
| 5 Soldering Techniques | e)         |

C) State the following statement is true or false. 5

- 1 Basic Electronics(Advanced)
- 2 Applied Electronics
- 3 Digital Electronics(Elementary)
- 4 Power Supply
- 5 Soldering Techniques

D) Answer the following questions in ONE sentence. 5

- 1 Basic Electronics(Advanced)
- 2 Applied Electronics
- 3 Digital Electronics(Elementary)
- 4 Power Supply
- 5 Soldering Techniques

- Q. No. 2) Answer the following questions in short. (Any four) 12
1. Basic Electronics(Advanced)
  2. Digital Electronics(Elementary)
  3. Power Supply
  4. Soldering Techniques
  5. Power Supply
  6. Soldering Technique
- Q. No. 3) Answer the following questions in short. (Any four) 12
1. Basic Electronics(Advanced)
  2. Digital Electronics(Elementary)
  3. Power Supply
  4. Power Supply
  5. Soldering Techniques
  6. Soldering Techniques
- Q. No. 4) Answer the following questions in brief. (Any three) 12
1. Basic Electronics(Advanced)
  2. Applied Electronics
  3. Digital Electronics(Elementary)
  4. Power Supply
  5. Soldering Techniques
- Q. No. 5) Answer the following questions in brief. (Any three) 12
1. Basic Electronics(Advanced)
  2. Applied Electronics
  3. Digital Electronics(Elementary)
  4. Power Supply
  5. Soldering Techniques
- Q. No. 6) Answer the following questions in brief. (Any two) 12
1. Basic Electronics(Advanced)
  2. Applied Electronics
  3. Digital Electronics(Elementary)
  4. Soldering Techniques

## STD-X: Level 2

### Blue Print of Unit wise Marks Distribution

### Electronics Technology (93)

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	Basic Electronics (Advanced)	1	1	3	1	6	1	1	2			4	1	1	1	3	1	4	1	16	24
2	Applied Electronics	1	1			6	1	1	2			4	1	1	1			4	1	12	18
3	Digital Electronics (Elementary)	1	1					1	2	3	1	4	1	1	1	3	1	4	1	16	24
4	Power Supply	1	1	3	2			1	2	3	1	4	1	1	1	3	1	4	1	16	24
5	Soldering Techniques	1	1	3	1			1	2	3	1	4	1	1	1	3	2	4	1	20	30
		1	5	3	4	6	2	1	10	3	3	6	1	1	5	3	5	6	1	80	120

**Note:** O.B – Objective.

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

L.A.- Long answer type (4 marks & 5 marks & 8 Marks & 10 Marks).