Maharashtra State Secondary and Higher Education Board, Pune

Bio focal Syllabus As per NSQF Guideline

EVALUATION SCHEME

For Feb-March-2027 and on words Examination

STD-XII Subject Code:

Paper I

Field Technician – Computing and Peripherals (ELE/Q4601)

Scheme of Examination:

Sr. No.	Method of Assessment	Weightage of Marks	Evaluator
1	Written Test	30 Marks (80 Marks converted 30 Marks)	Maharashtra State Board of Secondary and Higher Secondary Education
2	Practical Test	30 Marks	Maharashtra State Board of Skill Vocational Education and Training, Mumbai
3	Oral Test	10 Mark	Maharashtra State Board of Skill Vocational Education and Training, Mumbai
4	Direct Observation during the Practical Test	10 Mark	Maharashtra State Board of Skill Vocational Education and Training, Mumbai
5	Term Work (Journal)	10 Mark	Internal – Junior Collage
6	Project Work	10 Mark	Internal – Junior Collage
	Total Marks	**100 Marks**	

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-IV	11	15
2	Self-Management Skills-IV	09	15
3	Information and Communication Technology Skills-IV	00	00
4	Entrepreneurial Skills-IV	00	00
5	Green Skills-IV	00	00
6	Repair and Maintenance of Computer and Peripherals	22	32
7	Installation and Configuration of Laptop and Peripherals	16	26
8	Repair and Maintenance of Laptop and Peripherals	12	19
9	Work Ethics, Quality, Health and Safety	10	13
	Total	**80**	**120**

2] Practical Exam:

• **Practical Time**	• **3 Hours**
• Practical Subject	As per **Field Technician – Computing and Peripherals** book
• Any one practical should be given from the text book by lot system to each group / individual.	
• **Total Marks of Practical**	• **30 Marks**

3] Term Work (Journal):

• Term Work (Journal)	• Journal maintained by the students during the academic year.
• Term Work (Journal) Subject	• As per **Field Technician – Computing and Peripherals** Book
• **Total Marks**	• **10 Marks**

4] Project Work:

• The project work given in syllabus is only for guideline. • Candidate, with approval from the Instructor / Trainer, may choose any one project and prepare it. • He has full liberty to prepare any useful project other than the mentioned projects. • He may write a visit report about any nearest Industry and their product. • One project should be compulsory for each student or a group of maximum 4 students.	
• **Total Marks**	• **10 Marks**

5] Oral/Viva vocu:	**10 Marks**
6] Direct Observation:	**10 Marks**

Written Test Paper - STD-XII

Field Technician – Computing and Peripherals

Question Wise Distribution of Marks.

Sr. No	Types of Questions	Marks	Marks with option
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
	Total Marks	**80**	**120**

Pattern of Question Paper

STD-XII Subject Code:

Paper I

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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. Repair and Maintenance of Computer and Peripherals
   a) …… b) ……. c) ……
2. Communication Skills-IV
   a) …… b) ……. c) ……
3. Installation and Configuration of Laptop and Peripherals
   a) …… b) ……. c) ……
4. Repair and Maintenance of Laptop and Peripherals
   a) …… b) ……. c) ……
5. Installation and Configuration of Laptop and Peripherals
   a) …… b) ……. c) ……

B) Match the following pairs. 5

	Column 'A'	Column 'B'
1	Repair and Maintenance of Computer and Peripherals	a)
2	Communication Skills-IV	b)
3	Installation and Configuration of Laptop and Peripherals	c)
4	Repair and Maintenance of Laptop and Peripherals	d)
5	Work Ethics, Quality, Health and Safety	e)

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

1 Repair and Maintenance of Computer and Peripherals

2 Self-Management Skills-IV

3 Installation and Configuration of Laptop and Peripherals

4 Work Ethics, Quality, Health and Safety

5 Installation and Configuration of Laptop and Peripherals

D) Answer the following questions in ONE sentence. 5

1 Repair and Maintenance of Computer and Peripherals

2 Installation and Configuration of Laptop and Peripherals

3 Self-Management Skills-IV

4 Work Ethics, Quality, Health and Safety

5 Repair and Maintenance of Computer and Peripherals

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

1. Repair and Maintenance of Computer and Peripherals
2. Communication Skills-IV
3. Installation and Configuration of Laptop and Peripherals
4. Repair and Maintenance of Laptop and Peripherals
5. Work Ethics, Quality, Health and Safety
6. Repair and Maintenance of Laptop and Peripherals

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

1. Repair and Maintenance of Computer and Peripherals
2. Installation and Configuration of Laptop and Peripherals
3. Self-Management Skills-IV
4. Repair and Maintenance of Laptop and Peripherals
5. Repair and Maintenance of Computer and Peripherals
6. Work Ethics, Quality, Health and Safety

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

1. Repair and Maintenance of Computer and Peripherals
2. Installation and Configuration of Laptop and Peripherals
3. Communication Skills-IV
4. Repair and Maintenance of Laptop and Peripherals
5. Repair and Maintenance of Computer and Peripherals

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

1. Repair and Maintenance of Computer and Peripherals
2. Installation and Configuration of Laptop and Peripherals
3. Self-Management Skills-IV
4. Repair and Maintenance of Laptop and Peripherals
5. Work Ethics, Quality, Health and Safety

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

1. Repair and Maintenance of Computer and Peripherals
2. Self-Management Skills-IV

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

1. Installation and Configuration of Laptop and Peripherals
2. Communication Skills-IV

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STD-XII:
Blue Print
STD-XII Subject Code:
Paper I
Field Technician – Computing and Peripherals (ELE/Q4601)
Unit wise Marks Distribution

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-IV			3	1			1	1			**4**	**1**	1	1			6	1	11	15
2	Self-Management Skills -IV			3	1			1	1			**6**	**1**	1	1			4	1	09	15
3	Information and Communication Technology Skills-IV	**This Topic mark weightage transfer to Paper II**																		00	00
4	Entrepreneurial Skills-IV	**This Topic mark weightage transfer to Paper II**																		00	00
5	Green Skills-IV	**This Topic mark weightage transfer to Paper II**																		00	00
6	Repair and Maintenance of Computer and Peripherals	1	1	3	1	**4**	**1**	1	2	3	1	4	2	1	2	3	1	**6**	**1**	22	32
7	Installation and Configuration of Laptop and Peripherals	1	2			4	1	1	2	**3**	**1**	**4**	**1**	1	2	**3**	**1**	6	1	16	26
8	Repair and Maintenance of Laptop and Peripherals			3	1			1	2	**3**	**1**	4	1			3	1	**4**	**1**	12	19
9	Work Ethics, Quality, Health and Safety	1	1					1	2	3	1					**3**	**1**	4	1	10	13
		1	**4**	3	**4**	4	**2**	1	**10**	3	**4**	4 6	**5** **1**	1	**6**	3	**4**	4 6	**3** **3**	80	120
		24						**48**						**48**						**120**	

Note: Bold and underline question are optional

O.B – Objective.

S.A- Short answer type (3marks)

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