Max Marks: 150

ALL INDIA TRADE TEST - 2024 FOR CRAFSTMEN TRAINING SCHEME (CTS)

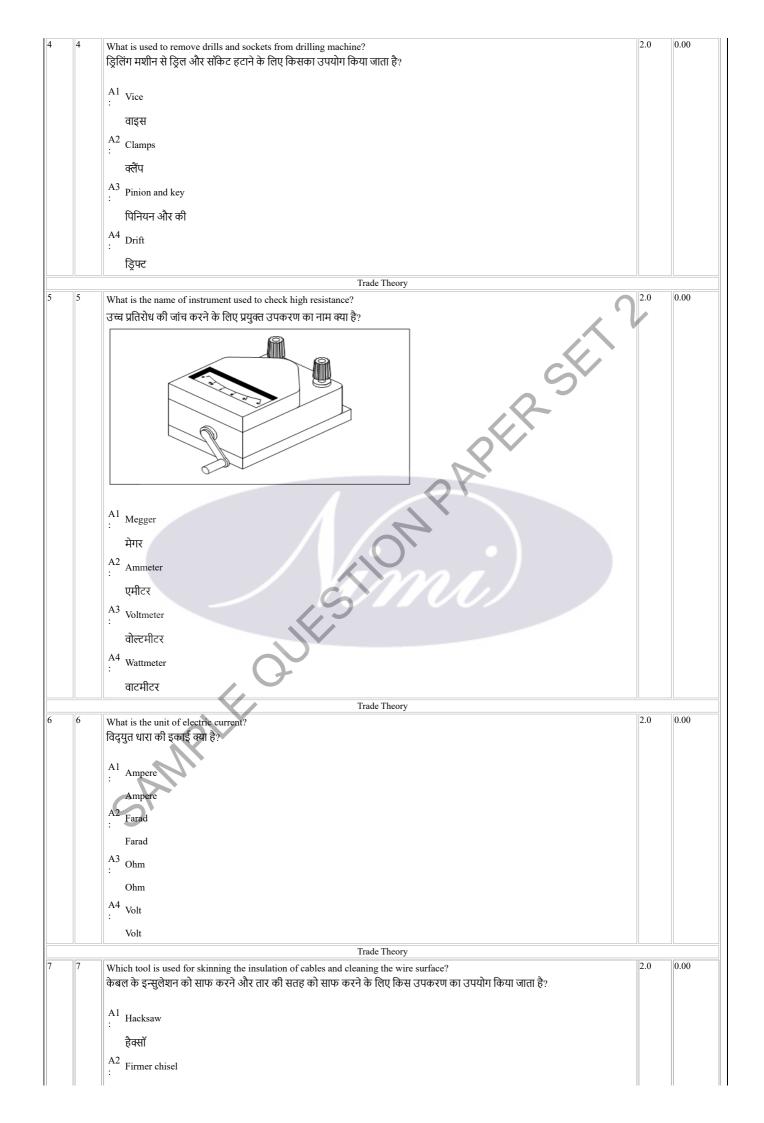
Trade Name: Refrigeration & Air Conditioning Technician Year: 1st Year

Exam Date: Exam Time:

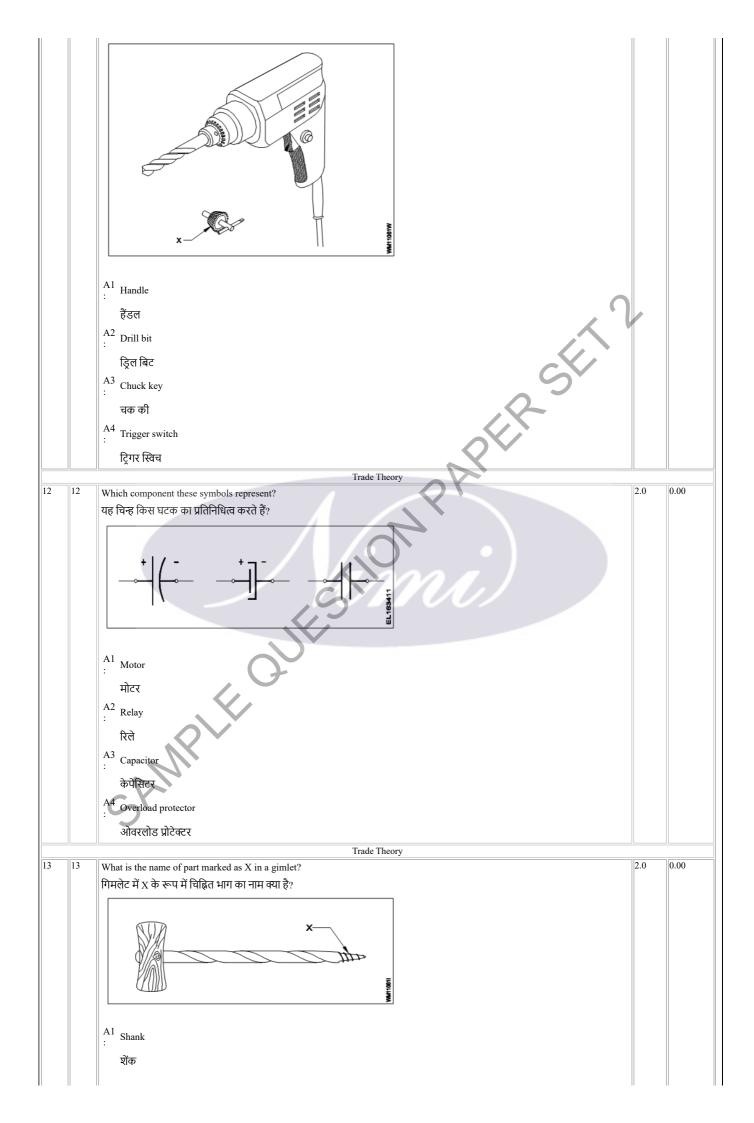
Note:

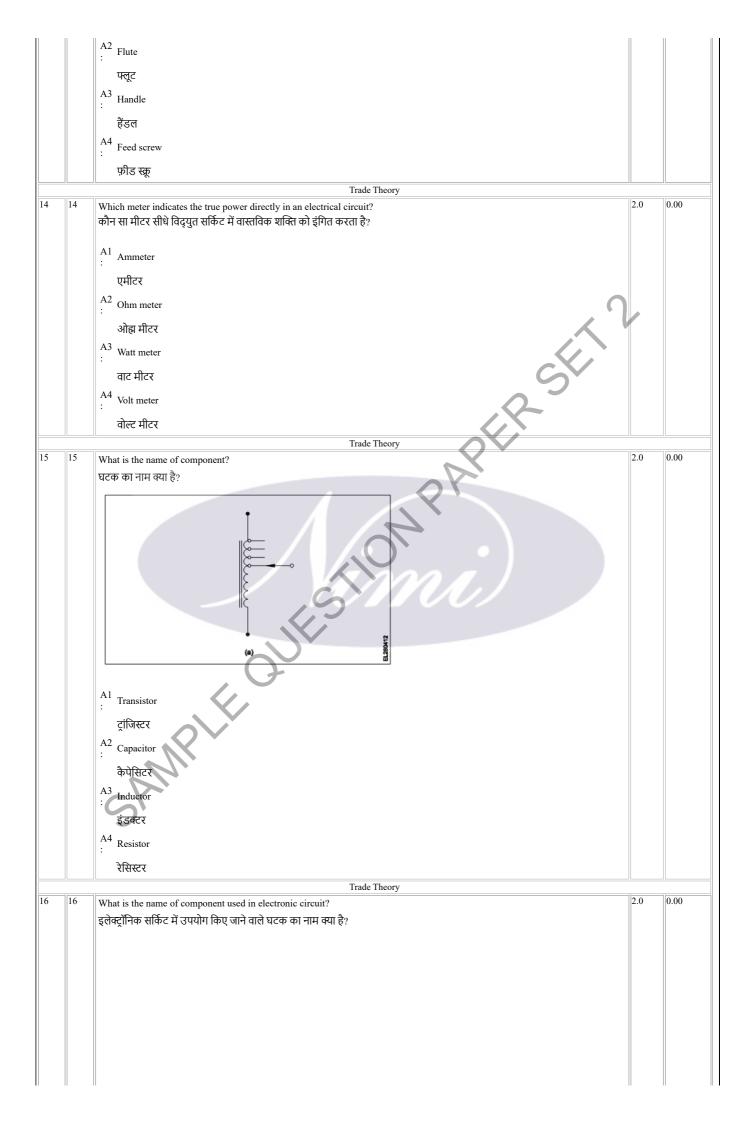
- Tick the correct option out of four alternatives provided
 All questions carry equal marks (2 Marks each)
 There is no negative marking

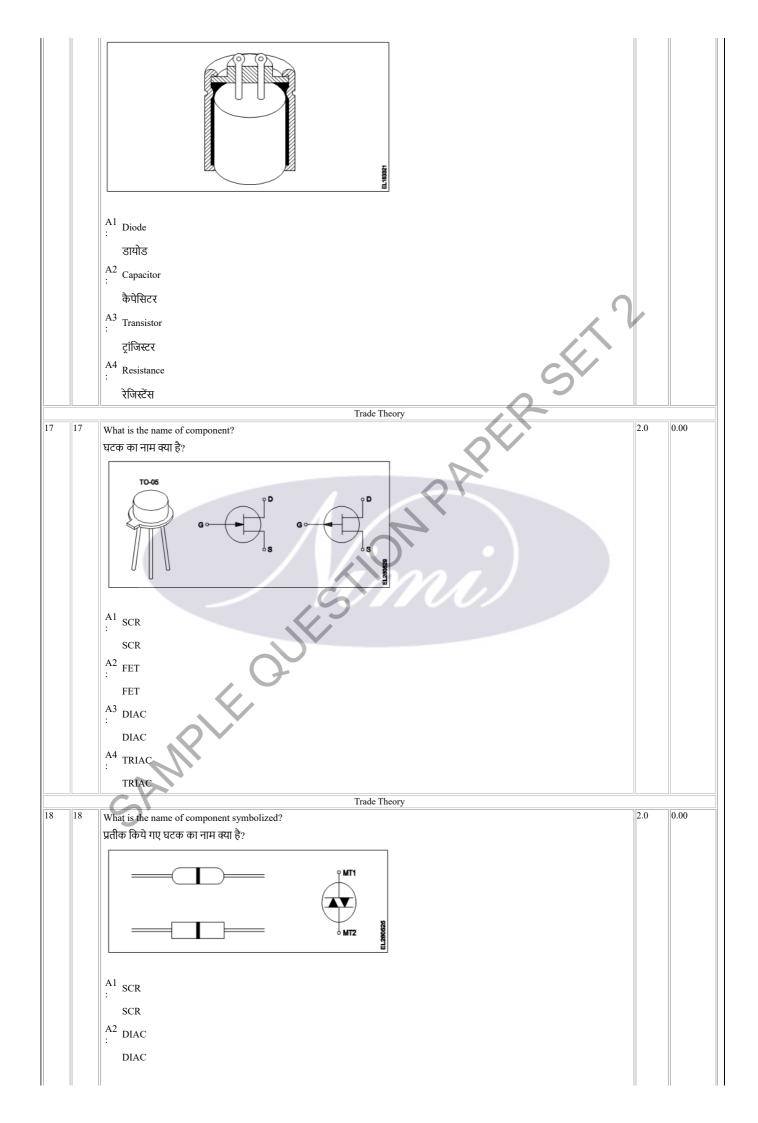
Sr. No.	Q ID	Question Body and Alternatives	Marks	Negative Marks
		Trade Theory		
1	1	What is the formula for calculating diameter of a rivet? रिवेट के व्यास की गणना का सूत्र क्या है?	2.0	0.00
		A1 D = (21/2 to 3) xT		
		D = (21/2 to 3) xT		
		$\frac{A2}{100} D = (22/2 \text{ to } 3) \text{ xT}$		
		D = (22/2 to 3) xT		
		A3 D = $(21/2 to 2) xT$		
		D = (21/2 to 2) xT		
		A4 D = (22/1 to 3) xT		
		D = (22/1 to 3) xT		
		Trade Theory		
2	2	Which extinguishes the fire on electrical equipment? विधुत उपकरणों में लगी आग को कौन बुझाता है?	2.0	0.00
		A1 Oil		
		Oil		
		A2 Foam		
		Foam		
		A3 Water		
		Water		
		A4 CO ₂		
		CO2		
		Trade Theory		
3	3	How many types of Workshop safety are there?	2.0	0.00
		वर्कशॉप सुरक्षा कितने प्रकार की होती है?		
		A1 ₂		
		2		
		A2 3		
		3		
		A3 ₄		
		4		
		A4 5		
		: 5 5		
		Trade Theory		



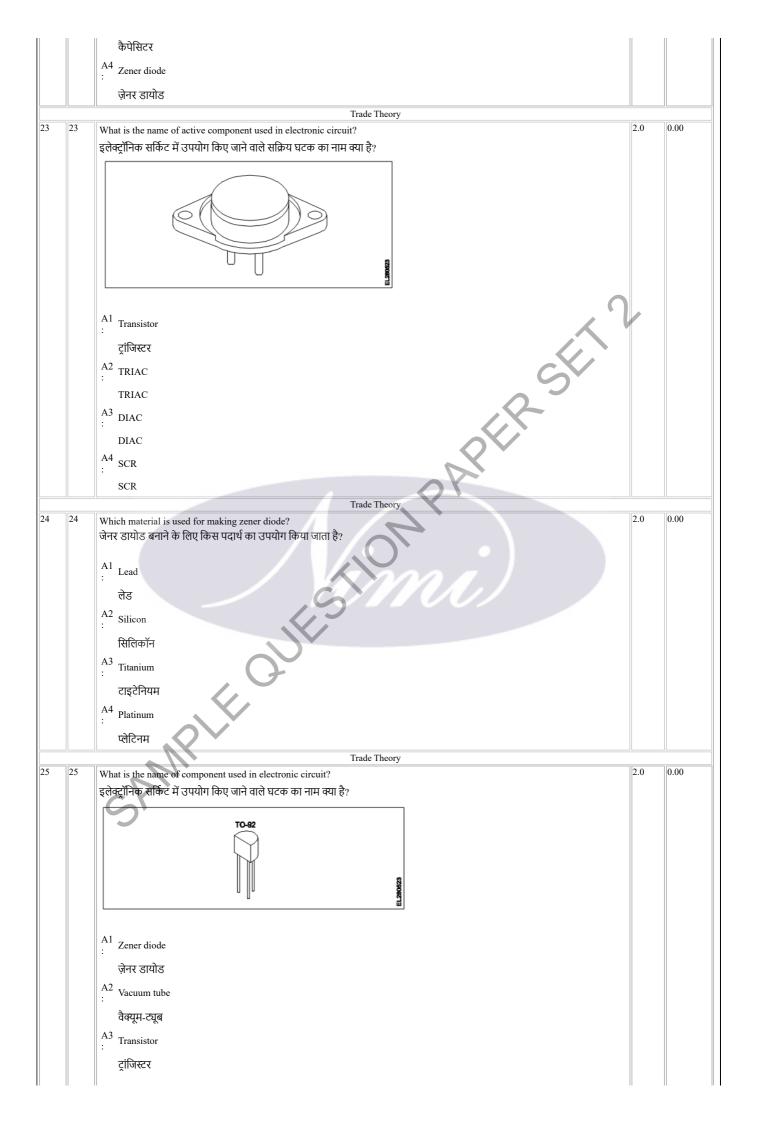
		फिर्मर चिज़ल		
		A3 Electrician's knife		
		इलेक्ट्रीशियन नाइफ		
		A4 Combination pliers		
		्राः		
!		Trade Theory	_	
	8	Which power supply has the fixed polarity? किस बिजली की आपूर्ति में निश्चित पोलारिटी होती है?	2.0	0.00
		A1 Direct current		
		डायरेक्ट करंट		
		A2 Signal voltage		
		सिग्नल वोल्टेज		
		A3 Signal ripples	4	
		सिग्नल रिपल्स		
		A4 Alternating current		
		प्रत्यावर्ती धारा		
	0	Trade Theory	2.0	0.00
	9	How electrons flow in a battery circuit? बैटरी सर्किट में इलेक्ट्रॉन कैसे प्रवाहित होते हैं?	2.0	0.00
		A1 Phase to earth		
		फेस टू अर्थ		
		A2 Phase to neutral		
		फेज़ टू न्यूट्ल		
		A3 Positive to negative polarity		
		ः पॉजिटिव टू नेगेटिव पोलारिटी		
		A4 Negative polarity to positive polarity		
		ः नेगेटिव पोलारिटी टू पॉजिटिव पोलारिटी		
		Trade Theory		
	10	Which property limits the flow of electrons in an electrical circuit? विद्युत सर्किट में इलेक्ट्रॉनों के प्रवाह का कौन सी गुण सीमित रहता है?	2.0	0.00
		المرابع المراجد المراجد المراجد المراجد المراجد والمراجد		
		A1 Voltage		
		वोल्टेज		
		A2 Current:		
		करंट		
		A3 Resistance		
		रेजिस्टेंस		
		A4 Conductance		
		ं कंडक्टेन्स		
		Trade Theory		
	11	What is the name of accessory marked as X used with drilling machine? ड्रिलिंग मशीन के साथ उपयोग किए जाने वाले एसेसरी X का नाम 'क्या है?	2.0	0.00
		विद्यान नहान के यात ठततान किर्द जान तादा देवदारा Y का जान तिया हु.		

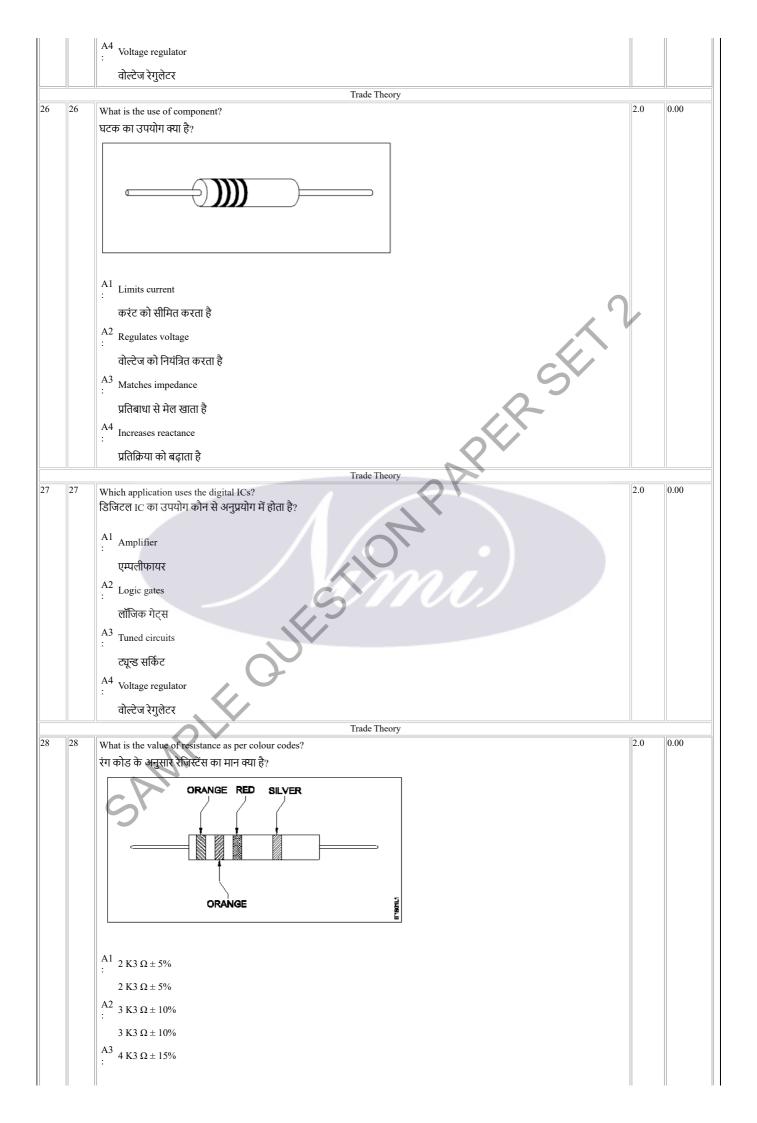


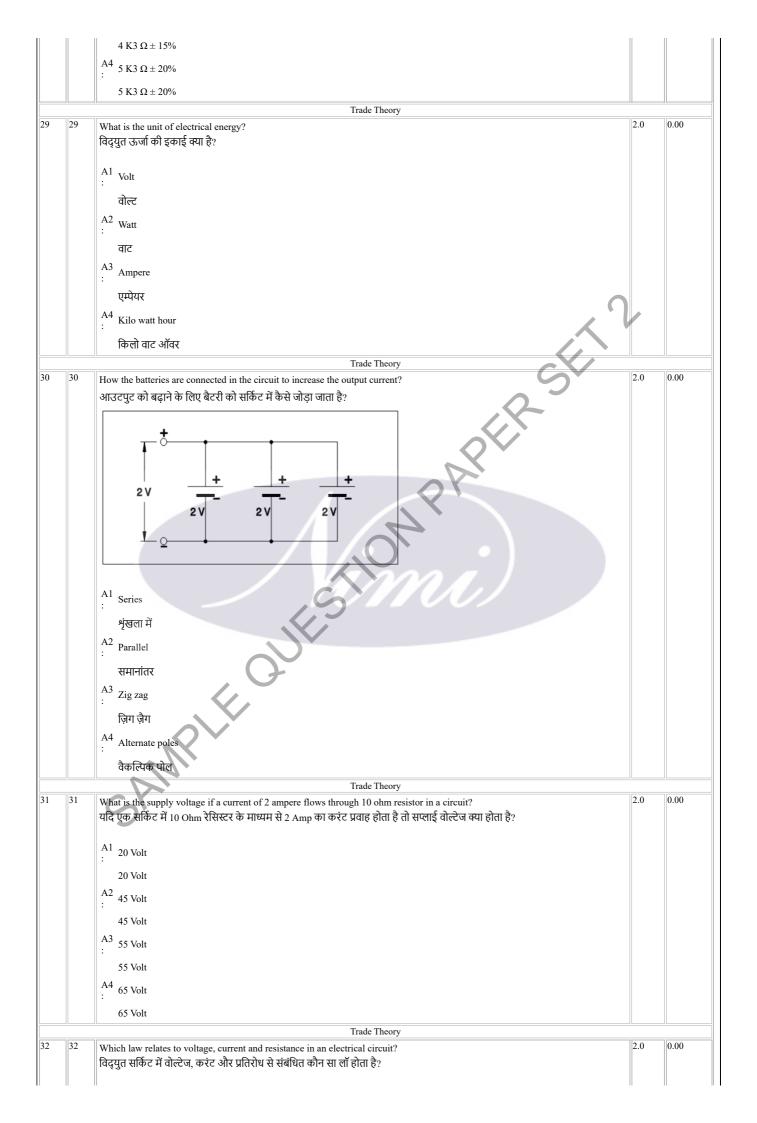


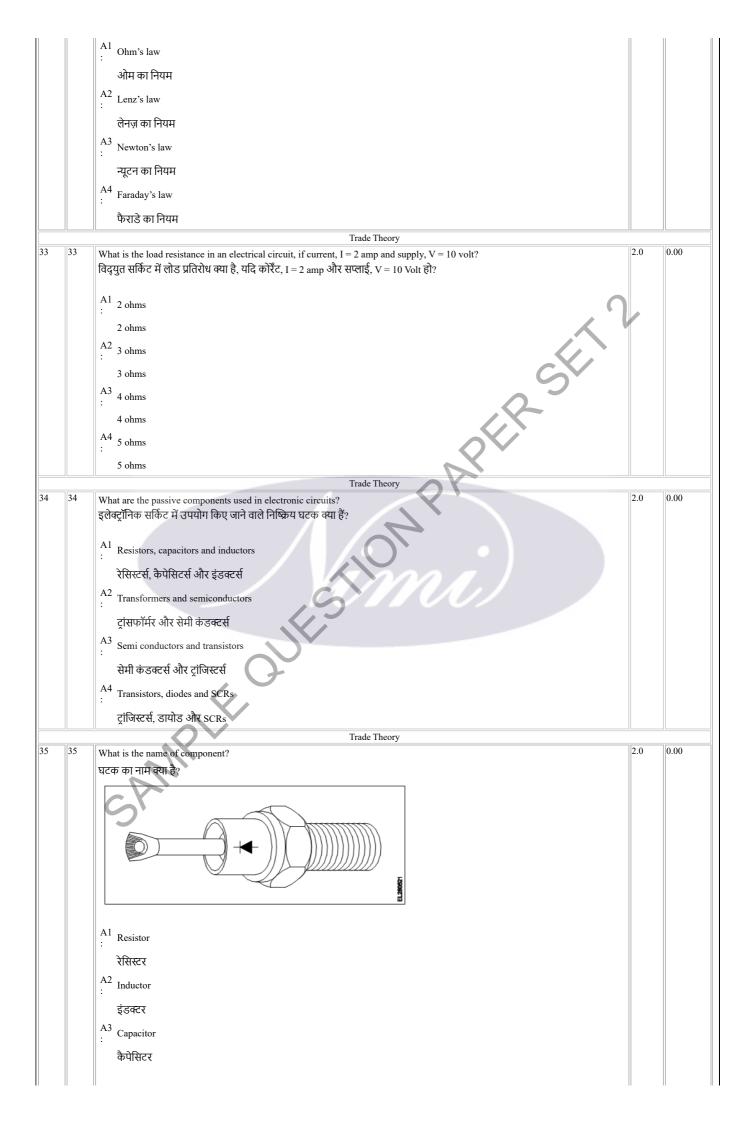


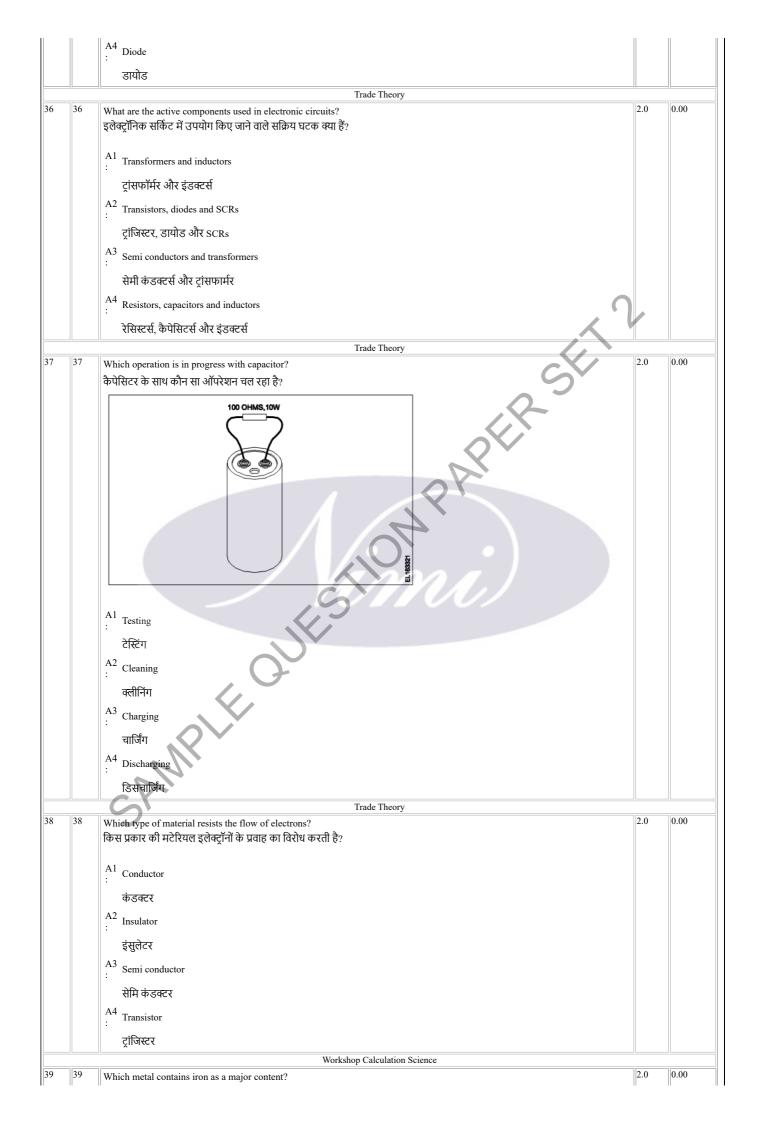
A3 Capacitor		
.		
A4 Transistor		
॥ . टूर्गिस्टर		
Trade Theory	<u> </u>	
How the ability of a conductor is called if it induces the voltage in the same conductor? यदि कंडक्टर को उसी कंडक्टर में वोल्टेज के लिए प्रेरित किया जाता है, तो उसे कैसे कहा जाता है?	2.0	0.00
A1 Self inductance		
सेल्फ़ इंडक्टेन्स		
A2 Conductance		
इंडक्टेन्स		
A3 Capacitance	9	
कैपेसिटेंस	Y	
A4 Resistance		
रेजिस्टेंस		
Trade Theory 20 Which semiconductor material is used to make diodes?	2.0	0.00
Which semiconductor material is used to make diodes? डायोड बनाने के लिए किस सेमी कंडक्टर पदार्थ का उपयोग किया जाता है?	2.0	0.00
Al Steel		
इस्पात		
A2 Silicon		
सिलिकॉन		
A3 Copper		
तांबा		
A4 Aluminium		
एल्युमीनियम		
Trade Theory		
21 Which type of diode is used for communication circuits? संचार सर्किट के लिए किस प्रकार के डायोड का उपयोग किया जाता है?	2.0	0.00
A1 Signal diode		
सिम्नल डायोड A2 7		
A2 Zener diode : ज़ेनर डायोड		
A3 Rectifier diode		
े रेक्टिफायर डायोड		
A4 Switching diode		
ि । स्विचिंग डायोड		
Trade Theory		
22 Which component is used as a switching device in electronic circuit? इलेक्ट्रॉनिक सर्किट में स्विचिंग डिवाइस के रूप में किस घटक का उपयोग किया जाता है?	2.0	0.00
A1 SCR		
SCR		
A2 Diode		
डायोड		
डायोड A3 Capacitor		



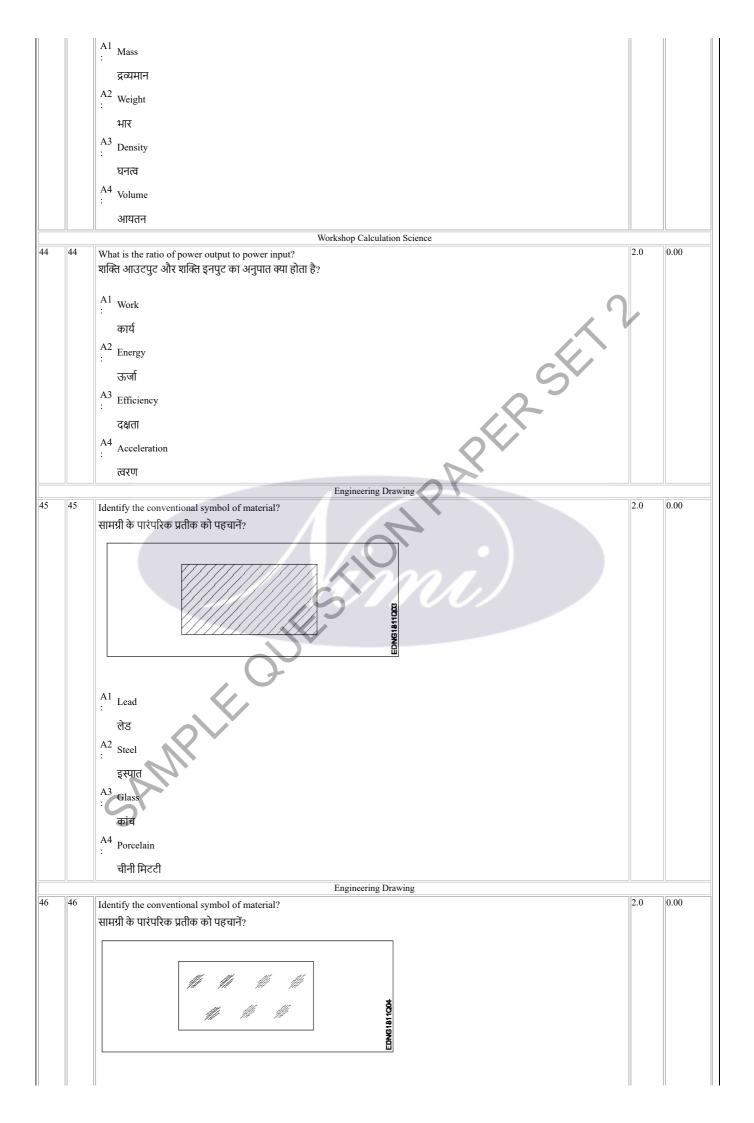


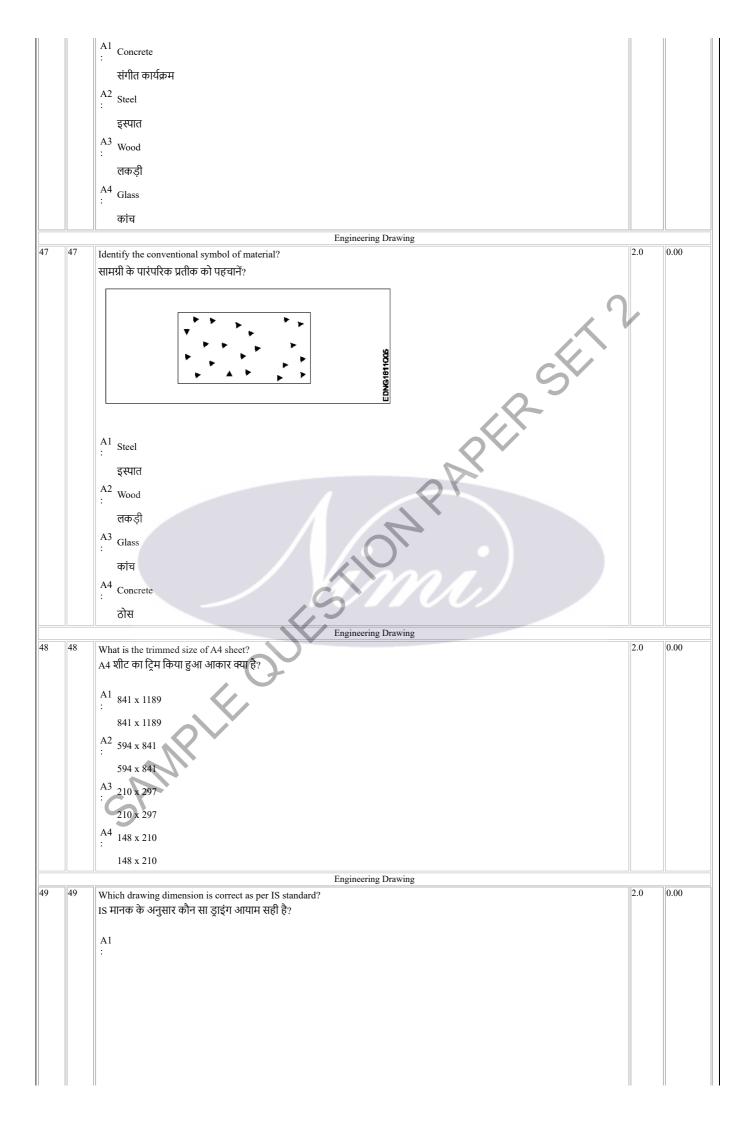


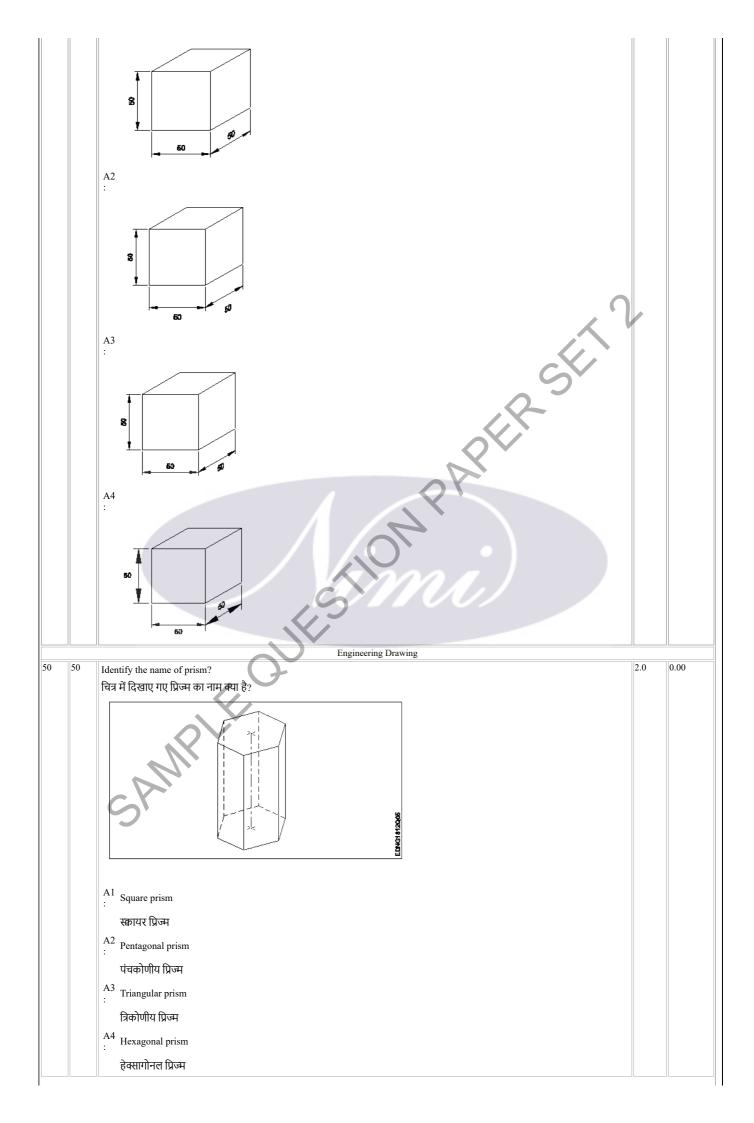




- 11	Al Brass metal		
	ः पीतल धातु		
	A2 Bronze metal		
	ः ब्रोंज धातु		
	A3 Zinc		
	्रिक		
	A4 Ferrous metal		
	: renous metal		
	लोह धातु Workshop Calculation Science		
40	Which property of metal has its power of returning to its original shape after the applied force is released? धातु की कौन सा गुण बल लगाने पर विरूपित तथा बल हटाने पर वापस अपने पूर्वावस्था मे आने की झमता रखता है?	2.0	0.00
	A1 Malleability		
	आघातवर्धनीयता		
	A2 Tenacity		
	च्हता		
	A3 Elasticity		
	प्रत्यास्तथा		
	A4 Plasticity		
	: सुघट्यता		
	Workshop Calculation Science		
	Al Porcelain पोर्सिलेन A2 P.V.C		
	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट		
	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science		
42	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है?	2.0	0.00
42	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है? A1 Density :	2.0	0.00
42	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है? A1 Density घनत्व	2.0	0.00
42	P.V.C A3 Bakelite	2.0	0.00
42	P.V.C A3 Bakelite	2.0	0.00
42	P.V.C A3 Bakelite बैक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है? A1 Density घनत्व A2 Volume आयतन A3 Mass :	2.0	0.00
42	P.V.C A3 Bakelite	2.0	0.00
42	P.V.C A3 Bakelite बेक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है? A1 Density घनत्व A2 Volume आयतन A3 Mass द्रव्यमान A4 Specific gravity	2.0	0.00
42	P.V.C A3 Bakelite	2.0	0.00
42	P.V.C A3 Bakelite बेक्लाइट A4 Ebonite इबोनाइट Workshop Calculation Science What is termed as the quantity of matter contained in a body? वस्तु में निहित पदार्थ की मात्रा को क्या कहा जाता है? A1 Density घनत्व A2 Volume आयतन A3 Mass द्रव्यमान A4 Specific gravity	2.0	0.00







C 1	Employability Skills		
51	Fill in the blank with correct word. "They good friends"	2.0	0.00
	रिक्त में सही शब्द भरें। "Theygood friends"		
	Al is		
	is		
	A2 : am		
	am		
	A3 are		
	:		
	are		
	A4 was		
	was		
	Employability Skills		
52	Fill in the blank with present progressive tense of the verb. "The train through the tunnel"	2.0	0.00
	क्रिया के वर्तमान प्रगतिशील काल के साथ रिक्त स्थान भरें। "The train through the tunnel"		
	Al proced		
	Al passed		
	passed		
	A2 is passing		
	is passing		
	: nau passeu		
	had passed		
	A4 was passing		
	was passing		
	Employability Skills		
53	Fill in the blank with proper interrogative adjective are you going?	2.0	0.00
	उचित ईंटोरोगेटिव विशेषण के साथ रिक्त स्थान भेरें।are you going?		
	Al Who		
	Who		
	10		
	AZ Where		
	Where		
	A3 Which		
	Which		
	A4 What		
	What		
	Employability Skills		
54	Fill in the blank with proper pronoun. "I made this cake"	2.0	0.00
	रिक्त स्थान में उचित सर्वनाम के साथ भरें। "I made this cake"		
	Al muself		
	: mysen		
	myself		
	myself A2 yourself		
	A2 yourself:		
	A2 yourself yourself		
	A2 yourself:		
	A2 yourself yourself A3 himself		
	A2 yourself yourself A3 himself himself A4 itself		
	A2 yourself yourself A3 himself himself A4 itself		
	A2 yourself yourself A3 himself himself A4 itself itself		
55	A2 yourself yourself A3 himself himself A4 itself itself Employability Skills	2.0	0.00
55	A2 yourself yourself A3 himself himself A4 itself itself	2.0	0.00

		A1 itself		
		itself		
		A2 myself		
		myself		
		A3 herself		
		: interest		
		herself		
		himself:		
		himself		
56	56	Employability Skills Fill in the blank with proper reflexive pronoun. "She has hurt"	2.0	0.00
30		रिक्त स्थान में उचित प्रतिवर्ती सर्वनाम के साथ भरें। "She has hurt"	2.0	0.00
		A1 myself		
		myself		
		A2 herself		
		herself		
		A3 himself		
		himself		
		A4 itself		
		itself		
		Employability Skills		
57	57	Fill in the blank with suitable adjective for the given sentence "The little girl's eyes revealed her mischief" दिए गए वाक्य के लिए उपयुक्त विशेषण के साथ रिक्त स्थान भरें "The little girl's eyes revealed her mischief"	2.0	0.00
		A1 chubby chubby A2 weak		
		weak A3 short sighted		
		short sighted A4 twinkling		
		twinkling		
		Employability Skills		
58	58	Fill in the blank with suitable place preposition. "My house is the third floor" उपयुक्त स्थान पूर्वसर्ग के साथ रिक्त स्थान भरें। "My house is the third floor"	2.0	0.00
		A1 at :		
		A2 in in in		
		A3 on		
		on		
		A4 under		
		under		
50		Employability Skills	la c	0.00
59	59	Fill in the correct question word. " is the speaker at the function?" सही प्रश्न शब्द भरें। " is the speaker at the function?"	2.0	0.00
		A1 What		
		: What		

		A2 When		
		When		
		A3 Why		
		Why		
		A4 Who		
		Who		
		Employability Skills		
60	60	Low level language is also called निम्न स्तर की भाषा को भी कहा जाता है	2.0	0.00
		निम्न स्तर का मापा का मा कहा जाता ह		
		A1 source code		
		सोर्स कोड		
		A2 middle ware		
		- मध्यस्थ		
		A3 machine language		
		मशीन भाषा		
		A4 assembly language		
		असेंबली भाषा		
		Employability Skills		
61	61	Pronunciation refers to उच्चारण को संदर्भित करता है	2.0	0.00
		उप्पारण की सदामत करता ह		
		A1 diphthong		
		संयुक्त स्वर		
		A2 consonant		
		व्यंजन		
		A3 punctuation		
		विराम चिह्न		
		A4 production of sound		
		ध्वनि का उत्पादन		
		Employability Skills		
62	62	Re-arrange the following set of words into meaningful sentence. "teacher / school / worked / she / a / as". शब्दों के निम्नलिखित सेट को सार्थक वाक्य में फिर से व्यवस्थित करें। "teacher / school / worked / she / a / as"	2.0	0.00
		A1 School worked as a she teacher		
		School worked as a she teacher		
		A2 She worked as a school teacher :		
		She worked as a school teacher		
		She teacher worked as a school		
		She teacher worked as a school		
		Worked she as a school teacher		
		Worked she as a school teacher		
63	63	Employability Skills Rise and fall of pitch of voice is called	2.0	0.00
		आवाज की पिच का उठना और गिरना कहलाता है		
		A1 vowel		
		स्वर A2 intenstion		
		: included		
		आवाज़ का उतार-चढ़ाव		

		A3 consonant		
		व्यंजन		
		A4 pronunciation		
		उच्चारण		
		Employability Skills	1	
64	64	The word that expresses a sudden and strong feeling is called वह शब्द जो अचानक और मजबूत भावना व्यक्त करता है उसे कहा जाता है	2.0	0.00
		A1 punctuation		
		विराम चिह्न		
		A2 interjection		
		विस्मयादिबोधक		
		A3 conjunction		
		संयोजन के रूप		
		apostrophe:		
		एपोसट्राफी		
65	65	Employability Skills When you greet higher official's such as Teacher, Instructor or Supervisor, you should use	2.0	0.00
		जब आप शिक्षक, प्रशिक्षक या पर्यवेक्षक जैसे उच्च अधिकारियों का अभिवादन करते हैं, तो आपको का उपयोग करना चाहिए		
		A1 Good morning		
		: Good morning		
		Good morning A2 Hello		
		Hello		
		A3 Hey		
		Hey		
		A4 Hi		
		Hi		
		Employability Skills		
66	66	Which is a silent letter in the word "ANSWER"? "ANSWER" शब्द में कौन सा मूक अक्षर है?	2.0	0.00
		A1 R : R		
		A2 E		
		E		
		$\begin{vmatrix} A3 \\ \vdots \end{vmatrix}$		
		8		
		A4 W :		
		W Employability Skills		
67	67	Which one is a "Do's" of discussion etiquettes?	2.0	0.00
		चर्चा के शिष्टाचारों में से कौन सा "Do's" है?		
		A1 Loose your temper		
		अपना आपा खोएं		
		A2 Listen to others		
		ः दूसरों की सुनें		
		A3 Talk about irrelevant details		
		ः अप्रासंगिक विवरण के बारे में बात करें		
II.				

		A4 Use impolite or rude language	
		ं अभद्र या अशिष्ट भाषा का उपयोग करें	
		Employability Skills	
68	68	Which one is a "Don't" of discussion etiquette? चर्चा शिष्टाचार का "Don't" हैं?	
		A1 Be open minded:	
		दिमाग खुला रखना	
		A2 Use moderate tone	
		मध्यम स्वर का प्रयोग करें	
		A3 Listen to others	
		दूसरों की सुनें	
		A4 Argue unnecessary	
		अनावश्यक बहस करें	
60	100	Employability Skills	
69	69	Which one is a brain of computer? कंप्यूटर का मस्तिष्क कौन सा है?	
		A1 Keyboard	
		कीबोर्ड	
		A ² CPU	
		सी पी यू	
		A3 Monitor	
		मॉनिटर	
		A4 Hard disk	
		हार्ड डिस्क	
		Employability Skills	
70	70	Which one is an exclamatory sentence? कौन सा विस्मयादिबोधक वाक्य है?	
		A1 What a beautiful house it is!	
		What a beautiful house it is!	
		A2 It is a beautiful house.	
		It is a beautiful house.	
		A3 Is it a beautiful house?	
		Is it a beautiful house?	
		A4 Your house is beautiful.	
		Your house is beautiful.	
71	71	Employability Skills Which one is in active voice?	
71	71	Which one is in active voice? सक्रिय आवाज में कौन सा है?	
		A1 Ram has passed the exam.	
		Ram has passed the exam.	
		A2 The ball was caught by him.	
		The ball was caught by him.	
		A3 The book was being read by her.	
		The book was being read by her.	
		A4 We were driven home by dad.	
		We were driven home by dad.	

		Employability Skills		
72	72	Which one is in passive voice? निष्क्रिय आवाज में कौन सा है?	2.0	0.00
		A1 Mohan is painting a house.		
		Mohan is painting a house.		
		A2 She was reading a book.		
		She was reading a book.		
		A3 Her birthday was celebrated by us.		
		Her birthday was celebrated by us.		
		A4 I have seen that movie.		
		I have seen that movie.		
		Employability Skills		
73	73	Which one is NOT a conjunction?	2.0	0.00
		कौन सा एक संयोजन नहीं है?		
		Al And		
		And		
		A2 Or		
		Or		
		A3 But		
		But		
		A4		
		On Employability Skills		
74	74	Which one is NOT a benefit of the role playing?	2.0	0.00
		भूमिका निभाने का कौन सा लाभ नहीं है?		
		A1 Builds confidence		
		आत्मविश्वास पैदा करता है A2		
		A2 Develops listening skill		
		सुनने का कौशल विकसित करता है		
		A3 Develops creative problem-solving skill		
		रचनात्मक समस्या-समाधान कौशल विकसित करता है		
		A4 Develops boredom		
		बोरियत पैदा करता है		
		Employability Skills		1
75	75	Which one is NOT a vowel? कौन सा स्वर नहीं है?	2.0	0.00
		प्रान्ति स्पर्भाव है:		
		A1 a		
		a		
		A2 e		
		е		
		A3 f		
		: ' f		
		A4 i		
		i		

Refrigeration and Air Conditioning Technician - 1st Year - Set 2

S.No.	Correct Answer Key
1	A1
2	A4
3	A2
4	A4
5	A1
6	A1
7	A3
8	A1
9	A4
10	A3
11	A3
12	A3
13	A4
14	A3
15	A3
16	A2
17	A2
18	A2
19	A1
20	A2
21	A1
22	A1
23	A1
24	A2
25	A3
26	A1
27	A2
28	A2
29	A4
30	A2
31	A1
32	A1
33	A4
34	A1
35	A4
36	A2
37	A4
38	A2

S.No.	Correct Answer Key
39	A4
40	A3
41	A3
42	A3
43	A3
44	A3
45	A2
46	A4
47	A4
48	A3
49	A1
50	A4
51	A3
52	A2
53	A2
54	A1
55	A3
56	A2
57	A4
58	A3
59	A4
60	A3
61	A4
62	A2
63	A2
64	A2
65	A1
66	A4
67	A2
68	A4
69	A2
70	A1
71	A1
72	A3
73	A4
74	A4
75	A3

Note:

"In case answers found to be inaccurate due to typographical error or any other reason please sent mail to **qbnimigrievance@gmail.com**"