Solution

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Q.No.1	A	Diagram	2
	16	Explanation	3
	В	Diagram	2
	D		
		Explanation	3
	C	Diagram	2
	TILL	Explanation	3
10	D	Diagram	2
	D		3
Q.No.2	-	Explanation	
	E	Diagram	2
		Explanation	3
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	A	Diagram	3
Q:N0.2	A		
	1013	Explanation	5
	В	Characteristics	3
	1. 11	Examples	3
	C	Diagrams	3
	1	Explanation	3
		Explanation	J
	t negative		
Q.No.3	A	Explain basic principle of strain gauge	4
	1 -	Derivation of equation for gauge factor.	6
	В	Explain with suitable diagram the construction and working of LVDT. Draw	4
	D		
		the block diagram of phase shift detection system.	4
	Mint &	Give one application of LVDT.	2
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0.No.4	A	What is thermocouple?	2
	Top !	Explain with neat sketches laws governing thermocouple.	6
	100		
	History.	State its advantages and applications.	2
	В	What is half cell potential?	2
		How it is measured?	3
		What is over potential?	3
	91		2
	Historia.	What are the types of over potential?	
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Q.No.5	A	Polarizable and Non-polarizable electrodes: Diagrams & explanation	5
		What are Motion Artifacts	2
		Methods of minimization	3
	В	Diagram	4
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		Explanation	0
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Q.No.6	A	Diagram	2
	Sil.	Explanation	3
20	В	Diagram	2
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	\$.1	Explanation	
	C	Definition of static characteristics	1
		Explanation of any two characteristics with examples	4
	D	Diagram	2
			3
	The state of the s	Explanation	
	E	Principle of operation and explanation	5