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Department of Physics

Sr. no.	Name of Article's	Availability						Total	Remark
		Register 1		Register 2		Register 3			
		Quantity	Page no.	Quantity	Page no.	Quantity	Page no.		
1	To study the characteristics of Zener Diode	2	1					2	
2	To study a single stage Transistor audio frequency	2	2					2	1 Damage
3	Multimeter Digital / Oscilloscope / Function Generator Power Supply App.	1	3					1	
4	Magnetic field along the Circular Coil	1	4					1	
5	Carey Foster Bridge App.	1	5					1	
6	η (Eta) by Maxwell Needle	3	6					3	2
7	Jager's App.	1	7					1	Damage
8	Searle's App.	2	8					2	1 Damage
9	Bending of Beam App.	2	9					2	
10	Callendar & Barne's App.	1	10					1	Damage
11	NPN-PNP Transistor Characteristic App.	4	11					4	
12	Semi Conductor Diode Characteristic App.	2	12					2	
13	Half wave rectifier	1	13					1	
14	Full wave rectifier	1	14					1	
15	Internal resistance of a DC source Board	1	15					1	
16	Junction Diode Characteristic App.	1	16					1	
17	Conversion of a Galvanometer to Ammeter	2	17					2	
18	Conversion of a Galvanometer to Voltmeter	2	18					2	
19	L-R Circuit study Board using DC source	1	19					1	
20	R-C Circuit using AC Mains	2	20					2	
21	L-R Circuit using AC Mains	2	21					2	Damage
22	Modulus of rigidity App.	NIL	22					NIL	
23	LCR Series & Parallel study	2	23					2	

24	**Searle's Method with stand**	1	24					1	
25	**statistical Board**	1	25					1	
26	**D.C.C. Wire**	50gm	26					50gm	
27	**Ammeter**	10	27					10	
28	**Voltmeter**	10	28					10	
29	**Milliammeter**	5	29					5	
30	**Microammeter**	2	30					2	
31	**Resistance Box**	5	31					5	
32	**R.C. Circuit using DC Source Board with inbuilt Microammeter and Voltmeter complete**	1	32					1	
33	**Torsional Wave App. Mechanical**	1	33						Damage
34	**Zener Diode Regulated Power supply study**	1	34						Damage
35	**Coupled oscillation with light source**	1	35						Damage
36	**Thermal Conductivity of bad conductor (Lee's Method)**	4	36					4	1 Damage
37	**Electromagnetic Induction study & verification of Faraday's law**	2	37					2	1 Damage
38	**Single stage Transistor Amplifier study**	1	38					1	
39	**Band Gap App.**	1	39					1	
40	**De-Sauty Bridge App.**	3	40					3	
41	**Thermo-Couple study (Cu-Fe)**	1	41					1	
42	**Anderson Bridge**	2	42					2	
43	**e/m by Thomson Method**	2	43					2	
44	**Thermistor Characteristics App**	1	44					1	
45	**Internal Resistance of a DC source**	1	45					1	
46	**Newton’s Ring App**	4	46					4	1 Damage
47	**Biprism App.**	1	47					1	
48	**Spectrometer**	2	48					2	
49	**Sodium Vapour Lamp**	1	49					1	
50	**Wooden Box for Sodium Vapour Lamp**	1	50					1	

51	**Diffraction Grating**	2	51					2	
52	**RC Transmission Line Study Board**	1	52					1	
53	**Zener Diode Regulated Power Supply Study Board**	1	53					1	
54	**Characteristics of FET Board**	3	54					3	
55	**Voltage Multiplier Board**	1	55					1	
56	**Logic Gates using Discrete Component Study**	1	56					1	
57	**Operation of Amplifier Apparatus with Digital Sine & Digital Meter**	1	57					1	
58	**UJT Characteristics Board**	2	58					2	
59	**Active Filter Characteristics**	1	59					1	
60	**Thermometer 10 to 110°C**	9	60					9	
61	**Stop Watch**	7	61					7	
62	**Sodium Light Source Complete**	1	62					1	
63	**Weight Box C.P. (Low)**	1	63					1	
64	**Spirit Level for above**	2	64					2	1 Damage
65	**Slotted Weight Set for above**	3	65					3	
66	**Planck's Constant by Photo Cell**	1	66					1	
67	**Stefan's Constant App**	2	67					2	1 Damage
68	**G.M. Counter**	2	68					2	1 Damage
69	**Spare Radio Active Source**	1	69					1	
70	**Millikan's Oil Drop**	2	70					2	1 Damage
71	**Op-Amp Designer with Power Supply**	1	71					1	
72	**Multivibrators with Power Supply and 1 meter**	1	72					1	
73	**Wein Bridge Oscillator with Power Supply**	1	73					1	
74	**Digital to Analog Converter (D to A) with Power Supply & 1 meter**					1	36	1	
75	**Various types of Flip-Flops with Power Supply**					1	37	1	
76	**Two stage R-C Coupled Transistor Amplifier**					1	38	1	

77	**Absorption Spectrum of Iodine Vapour**					2	39	2	
78	**Hall Effect Experimental Set-Up (C-R)**					1	40	1	
79	**Curie Temperature of Monel Metal (C-R)**					1	41	1	
80	**Lattice Dynamic through Electrical Analogue Experiment**					1	42	1	
81	**Characteristics of a Solar Cell**					2	43	2	
82	**Dielectric Constant of a specimen at high frequency by Lecher wire**					2	44	2	
83	**L.C. Transmission Line**					1	45	1	
84	**Analog to Digital Converter (A to D) with P/S and 1 meter**					1	46	1	
85	**Carey Foster Bridge Complete**			3	1			3	
86	**Leclanche Cell Complete**			2	2			2	2 Damage
87	**Two way plug key brass sup.**			5	3			5	
88	**Screw Gauge 25mm with case**			3	4			3	
89	**Vernier Caliper IME German Type with case**			3	5			3	
90	**Thread for Searle's method**			2	6			2	
91	**Maxwell needle without stand all brass**			2	7			2	
92	**Physical Balance teak case**			1	8			1	
93	**Physical weight box**			1	9			1	
94	**Thermometer mercury 250°C**			1	10			1	
95	**E/m by Helical method**			1	11			1	1 Damage
96	**Michelson Interferometer with diode laser (Superior quality)**			1	13			1	
97	**Polarimeter biqurtz type without light source**			1	14			1	
98	**Battery Eliminator 12 Volt Variable (2 Amp)**			4	15			4	
99	**Spectrometer brass 6" with case**			1	16			1	
100	**Prism for spectrometer**			1	17			1	
101	**Magnifier 2"**			1	18			1	
102	**Meter scale wooden**			1	19			1	

103	**Power supply for E/m by Helical method**			1	20			1	1 Damage
104	**Filter Paper**			0.5				0.5	
105	**Function Generator 1Hz to 1MHz**			1	22			1	
106	**Cathode Ray Oscilloscope (CRO)**			4	23			4	2 Damage
107	**Digital Voltmeter**			3	24			3	
108	**Wire Gauge 6"x6"**			Nil				Nil	
109	**BNC Cable**			3	26			3	
110	**Commutator**			Nil				Nil	
111	**Galvanometer**			2	28			2	
112	**Head Phone**			Nil				Nil	
113	**Steel wire**			10gm	30			10gm	
114	**Verification of Bragg's Law**			1	31			1	
115	**Dielectric constant of a given solid by using slotted section**			1	32			1	
116	**Klystron (Mode number, E.T. and transit time)**			1	33			1	
117	**Radiation pattern of pyramidal horn (Polar graph)**			1	34			1	
118	**Application and characteristics of Operational Amplifier**			1	35			1	
119	**Stewart Gee's Tangent Galvanometer**			1	36			1	
120	**Study of Random Decay and Decay Constant (Statistical Board)**			2	36			2	
121	**Newton’s Ring**			4	37			4	
122	**Compound pendulum study of the variaton of time period with ampulitude in large angle**			1	37			1	
123	**Zink rod**			Nil	38			Nil	
124	**Heat capacity of solid**			1	38			1	
125	**Semiconductor by four prob method**			2	39			2	
126	**frequencies splitting into two couple oscillators**					1	1	1	Return

127	**a function of coupling strength, using couple oscillator**					1	1	1	Return
128	**Study of normal mode of a compound pendulum**					2	3	2	1 Return
129	**To study damping using compound pendulum**					1	4	1	Return
130	**two different load by a DC source and to verify the maximum power transfer, theorem**					1	6	1	
131	**Audio frequency function generator 1 Hz to 200 kg hertz**					1	8	1	
132	**Determine the thermodynamical constant using clement and Dsorme's method**					1	11	1	
133	**Determine determine of ballistic constant of a ballistic galvanometer**					1	12	1	
134	**Study of high resistance by leakage method**					1	13	1	
135	**To determine the specific heat of a liquid using a calorie meter**					2	15	2	
136	**and determine energy loss from hysteresis loop**					2	16	2	
137	**glass plate with the help of Brewstar's law and Malus law**					1	17	1	
138	**Determine of e/m using magnetron method**					1	18	1	
139	**To is study the characteristic of different LED and determined plants constant value**					1	19	1	
140	**To design a single stage amplifier, of a given voltage gain and lower cut off frequency(cb)**					1	21	1	
141	**To study, Hartley oscillator**					1	22	1	
142	**To is study transistor bias stability**					1	23	1	
143	**Design and study of pass filter**					1	25	1	
144	**Verification of cauchy dispersion relation**					1	26	1	
145	**Study of DC gate control characteristics and anode current characteristics, SCR**					1	27	1	

146	**Rc phase shift oscillator using operational amplifier**					2	28	2	
147	**To determine thickness of a thin wire by diffraction using diode laser**					1	29	1	
148	**CRO 20 MHz dual channel to trace**					1	30	1	
149	**Prism**					1	31	1	
150	**Bi prism**					1	31	1	
151	**headphone**					1	31	1	Return
152	**Determine of velocity of ultrasonic wave**					1	33	1	Return
153	**To determine ultrasonic velocity and to obtain compressibility of given liquid**					1	34	1	