

## Swami Shraddhanand College, Alipur, Delhi-36

Department of Physics

**Instrument Required 2019-20**

Quotation are invited either online to email-id webadmin@ss.du.ac.in or by hand to Physics Department for the following items by 20.01.2020. Please note number of quantity may vary and to be supply within a week after receiving order

S.No.	Name of the Apparatus	Specification	App. Qty.
1	Iodine Vapour Apparatus complete setup		1
2	Iodine Vapour Tube	(a) standard size Lenth one Meter with box	2
3	Single Slit		6
4	Double Slit		6
5	OPAM-741	Integrator, Differentiator Amplifier, Summing Amplifier, Substraction Inverting, Non-verting	6
6	Pizeoelectric Setup	Vibrating to Voltage study	2
7	Malus Law	Study of Cos <sup>2</sup> law/Malus Law setup	4
8	Multimeter (Digital)	Cat-III 600V saftey rating Ac volt - 40Hz to 500Hz, DC volt, AC mili Volt, DC Mili Volt, Diode test, Resistance Test, Capactance, AC current, DC current, Temperature	12
9	Multimeter (Digital)	Fluke 15B+17B	12
10	Plank Constant Black Body Radiation App.	H' using the radiation Law	2
11	Dielectric Constant Apparatus	Dielectric Material bakelite Sheets by variable capacitor thickness of backlite sheet 3MM, 4.5MM, 6MM, 7.5MM	2
12	Resistance Coil	Value -0.1, 0.25, 0.5 box type	3 Each
13	Hydrogen Spectrum apparatus		2
14	R.C. Circuit		2
15	Thevenin and Norton Theorem		2
16	Coupled Ocillator	Mechanical	2
17	Function Genrator	Digital, Sign, Square and Trangular wave	10
18	DSO	50MHz, 70MHz, 100MHz	10
19	Murcury Lamp	125Watt Two Pin	15
20	Sodium Lamp	35Watt Two Pin	15
21	Grating	15000 LPI	12

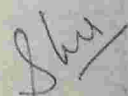
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22	VI Characteristic of a Zener Diode		4
23	Wien Bridge Oscillator		6
24	A to D and D to A converter with Digital Meter		2
25	Inverting and Non-Inverting Amplifier	With Digital Meter	4
26	Babinet's Compensator		1
27	Ultrasonic Grating Complete Set		1
28	Angstrom Method apparatus	Thermal	2
29	PN junction + Zener diode apparatus	with Digital Meter	6
30	Rheostat	Length 12" 50 $\Omega$ , current 2Amp.	1
31	Rheostat	Length 12" 200 $\Omega$ , current 1Amp.	1
32	Rheostat	Length 12" 650 $\Omega$ , current 0.7Amp.	1
33	Rheostat	Length 12" 1000 $\Omega$ , current 0.5Amp.	1
34	Screw Gauge	0-25MM, 0-50MM	12
35	Screw Gauge Digital	0-25MM, 0-50MM	12
36	Vernier Caliper Digital	12" Steel Body	12
37	Meter Scale	1Mtr wooden sangwan	24
38	Fiber Optics Trainer	Scientech 2501 with fibre wire cutter	1
39	Reflection & Refraction of Microwaves		1
40	Polarization & interference in Microwave	Double slit interference	1
41	Digital Stop Clock	Box type	12
42	IC tester		1
43	LCR Apparatus	top Modal	2
44	Electronic Balance Digital	0.01-2kg	2
45	P E Hysteresis loop for ferro Electric Crystal app. Complete set		1

#### TERMS

- 1 The order will stand cancelled if not executed by the date specified for the purpose unless the last date for execution of the order is extended.
- 2 Instruments of commercial, technical, practical or equivalent quality will not be accepted unless otherwise stated in the order. If such instruments are received, they are liable to be returned at the expenses of the sender. The supplier shall specify the period of warranty of instruments. The supplier is liable to pay any expenses for instruments' repair / replacement / transportation, if any.
- 3
- 4 The supplier shall deliver the said instrument within the supply period. If they fail to do so, the order shall be given to next one.
- 5 100% payment shall be made to supplier within 15 days through NEFT after the verification of instruments only.
- 6 All legal issues come under the Delhi jurisdiction only.

  
Co-ordinator

  
Physics Department