

DEPARTMENT OF PHYSICS



उदय प्रताप स्वायत्तशासी कालेज, वाराणसी

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Ref.No.

Date. 03.03.2017


To.

M/S-----

Dear Sir


Kindly Quote your lowest price for the following articles latest by 15-03-2017 stating clearly make size and other specifications in a sealed envelop with quation letter no.in the name of Head Department of Physics .



Principal
Udai Pratap College
Varanasi


HEAD
03.03.2017
DEPARTMENT OF PHYSICS

B.Sc. & M.Sc. laboratory Instruments List (Physics Lab)

S.No.	Name of the Articles/ Apparatus and Accessories. Make: Omega jpr, BESTO, Mars ,OSAW etc
1	Determination of 'Y' by Bending of Beam Apparatus with knifeedge, spherometer, hanger with weights etc (CR)
2.	Meldes Experimental App.(OSAW/INCO Pattern) with Battery Eliminator 2-12V, 3Amp, Physical weight box.
3	Determination of the height of a Tower with a Sextant (Standard Pattern)
4	Determination of the Reduction Factor 'K' of Helmholtz Galvanometer Complete Set with Compo Box
5	Determination of the value of low resistance with the help of Students Potentiometer (22 coils)
6	Callender & Barne's Apparatus with power supply, AC-V(0-30) AC-Ammeter (0-3) Thermometer. etc
7	K Constant Spring Mass App.
8.	Focal length of a combination of two lenses using Nodal Slide Assembly. Complete set with double bar optical bench (CR)
9	To determine the Specific rotation of cane sugar using BI-Quartz Polari meter. With two spare Polari meter tubes.
10	To determine Resolving Power of reading Telescope by slit method using Traveling microscope App. (CR)
11	Determination of the wave length of Sodium light by Newton's Ring method Apparatus (CR)
12.	Bi-Prism Assembly. Complete with 150cm long steel rod double bar optical bench (CR)
13.	Stefan's Constant Apparatus
14.	LCR Resonance Experiment
15	Tetrode Valve Characteristic App. Naval Base (CR) with 05 pc. Extra valve.
16	Triode Valve Characteristic App. Naval Base (CR) with 05 pc. Extra valve.
17	PNP-Transistor Characteristic App. (CR) with 4 Digital meters. (Common base & Common Emitter)
18	To determine the value of Self Inductance by Anderson's Bridge.
19.	Determine the wavelength of Diode laser with help by Laser Spectrometer.
20.	Stop Clock
21 a	Multimeter (Manual and digital)
21 b	Plank's Constant Apparatus Scientific PC-101
22.	Apparatus to verify Norton's, Thevenin's, Max Power Transfer & Superposition Theorems (On Single Board)
23.	FET Characteristics App.
24.	Zenner Diode Characteristics App. with 4 meters
25.	Thermister Characteristics Apparatus
26	UJT Diode Characteristics Apparatus
27.	Lattice Dynamics Experiment Kit with CRO


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28.	Resistivity of Semiconductor by Four Probe Method Scientific DFP-02
29.	To Study Electro-optic Effect using He-Ne Laser
30.	Resistivity of a Semiconductor by Four Probe Method
31.	Hall Effect Experiments Setup Complete .
32.	Study of Multivibrator
33.	Lissajous Figure Experiment With Dual trace CRO 20MHz
34.	Electron Spin Resonance Spectrometer Scientific ESR-104
35.	Michelson Interferometer
36.	Operational Amplifier Trainer IC-741
37.	Transistor Amplifier Circuits (CB,CE,& CC)
38.	Variable Frequency R.F. Oscillator (Sine & Square Wave) 1MHz to 8MHz
39.	Study of Basic Op-Amp Type-741
40.	Frequency Audio Oscillator (Sine Wave) 200Hz to 5KHz 0-10v
41.	Audio Oscillator (Sine & Square Wave) 1Hz to 1MHz 0-10v
42.	Wide Range Oscillator (Sine & Square Wave) 1Hz to 1MHz 0-10v
43.	AF-RF Signal Generator
44.	Function Generator Scientific FG-01

[Signature]
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[Signature]
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