



PANSKURA BANAMALI COLLEGE

(Autonomous College 2018-28)

Largest Rural Based, NAAC Re-Accredited 'A' Grade (2016-21)

& DST-FIST (Govt. of India) sponsored College

Website : www.panskurabanamalicollege.orgE-mail : principal.pbc@gmail.com

P.B.C./Physics/Qout.01/19-20

Date: 08/01/2020

TENDER NOTICE

Sealed Quotations are invited from reputed firms/distributors for the following Instruments and goods for the Department of Physics. Sealed Quotations must reach to the Principal, Panskura Banamali College (Autonomous), P.O- Panskura R.S, Dist- Purba Medinipur, Pin-721152, on or before 20.01.2020 indicating the name of the Department in the envelop. Price should be inclusive of all taxes.

Sl. No.	Items
1	Bar Pendulum [Determination of the value of g using Bar Pendulum (Brass make)]
2	Callender and Barn's [Set up for the determination of Mechanical Equivalent of heat J by Callender and Barn's constant flow method.]
3	Crossed grating
4	Dielectric Constant of a material with frequency
5	Flywheel [Set up for the determination of the Moment of Inertia of a Flywheel (diameter= 8").]
6	Function Generator (3 MHz, 0 - 20V), [Dot Technology]
7	Galvanometer (Table)
8	Heater (Flat type) 2KW
9	Heating Mantle- 1KW (Capacity - 2 lits)
10	Kater's Pendulum [Determination of the value of g using Kater's Pendulum(Brass make)]
11	Malus Law Apparatus (HOLMARC, Model no: HO-ED-P-02)
12	Multimeter (Advance model, Waco 92A)
13	Multimeter (Waco 38)
14	Polarization of light by reflection and the determine the polarizing angle for air glass interface.(Holmarc, model: HO-ED-P-01)
15	Power Supply (1A, +12, -12 and 0 - 10V variable,) with sc protection(30 sec relay)
16	Refractive Index of a glass and liquid by total internal reflection using a Gaussian eyepiece.
17	Searle's Apparatus [Set up for the determination of the thermal conductivity of Cu by Searle's Apparatus.
18	Stop Watch (Digital).
19	Thermometer (0-110C, 1/10 div)
20	Ultrasonic grating [To determine the wave length and velocity of ultrasonic waves in a liquid (Kerosene oil) by studying ultrasonic gating.
21	Digital Balance [Accuracy 0.01 gm, Capacity 1 kg (Approx)]
22	Diode Laser 650nm, 5mW (Holmarc, model: DL-R-5)
23	e/m expt. Set up (SES, model: EMX 01)
24	IC 555
25	IC 741
26	IC Tester (741 / 555)

27	Laser Optics Lab Kit (HOLMARC, model: HO-ED-LOL-01) with expt. Included- 1. Michelson interferometer, 2. Diffraction, 3. Characteristics study of diode laser, 4. Optical fiber, 5. Opto electronics characterization, 6. Polarization, 7. Total internal reflection, 8. Absorption of light on various filters.
28	LDR
29	LED (4 different colour)
30	Photo electric set up (SES, model: PC101)
31	Thermistor (100 Ohm, 1 K ohm at room temp.)
32	Trainer Kit- Pulse Width Modulation (PWM)
33	Transistor (2N 2222)

Sd/-
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