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Department of Physics

List of Instruments for Tender

Sl. No.	Name of the Required Instruments	Quantity
1.	Apparatus for drawing I-V characteristics of a p-n junction diode and a Zener diode.	2
2.	Apparatus for drawing CE characteristics of a transistor	2
3.	Apparatus for drawing CB characteristics of a transistor	2
4.	Apparatus to study series L-C-R ac circuit	1
5.	Apparatus to study parallel L-C-R ac circuit	1
6.	Complete set for OP-AMP	2
7.	Apparatus to construct OR gate using discrete components	1
8.	Apparatus to construct AND gate using discrete components	1
9.	Apparatus to construct NOT gate using discrete components	1
10.	Apparatus to construct NAND gate using discrete components	1
11.	Cathode Ray Oscilloscope (CRO)	1
12.	To draw the I-V characteristics of a vacuum diode and to verify the laws of thermionic emission	1
13.	Diffraction Grating (including grating holder)	2
14.	Mercury vapour lamp (complete set)	2
15.	Prism (EDF)	4
16.	Potentiometer	3
17.	Rheostat 100 Ω /1A	4
18.	DCC Wire (Copper)	2 Kg.
19.	Hook up Wire (for connection in bread board)	2 Coils
20.	Apparatus for measurement of self-inductances of two coils by Anderson's bridge and hence to estimate the co-efficient of coupling between the coils.	1
21.	Tangent Galvanometer	2
22.	Stop Watch (Analog)	5
23.	Castor Oil	5 Lit.
24.	Measurement of coefficient of viscosity of a liquid by Stokes' method	1 setup
25.	Digital Weight Machine	1
26.	Slide Calliper	5
27.	Balance	3
28.	P.O. Box (Sett & De)	2
29.	Beaker (Borosil)	6
30.	Suspended coil galvanometer (dead beat type) with lamp and scale	1