

SURVEYOR

Syllabus e S.No.	Name of the items	Quantity of
1	Engineering Instrument Box	21
2	Protractor 15 cm full circular	21
3	Card board/ plastic metric scale set- A to H	21
4	Diagonal scale, electroplated	10
5	Celluloid set square 45° & 60°	21 each
6	Drawing board 1250 x 900 mm	21
7	T square 1250 mm/ Mini drafter	21
8	Erasing shield small size	10
9	Architect's & builder's template	10
10	Chisel- steel 80 mm blade	10
11	Drawing machine (Horizontal type)	21
12	French curve- set of 12	10
13	Metallic tape 15 m	21

B. General Outfit

1	Abney level	1
2	Ammonia printing box	1
3	Box sextant	2
4	Boning rod	1
5	Binocular	4
6	Chalk board/White board	1
7	Cupboard (Big)	1
8	Celon ghat tracer	21 boxes
9	Scientific calculator	21
10	Computing scales two hectares	4
11	Computing scales five hectares	4
12	Card board scales-box of 8	4
13	Wooden cross staff- box type	2
14	Wooden cross staff- open type	2
15	Drawing board imperial size	2
16	Drawing machine table	4
17	Engineer's chain	21
18	Engineer's level	6
19	Dumpy level	6
20	Cokes reversible level	2
21	Tilting level	1
22	Ferro printing frame 450 x 600 mm	1
23	Ferro printing frame 800 x 600 mm	1
24	Fire extinguisher	1
25	Gunter's chain	2
26	Hand press for numbering & lettering	5
27	Canvass bag	1
28	Height indicators	8
29	Hold all canvas for instruments	8
30	Hones in case	8
31	Instructor's chair	1

32	Instructor's table	1
33	Tracing board with lamp	2
34	Leveling staff	5
35	Metric chain- 30 m & 20 m	6 each
36	Magnifying glass	6
37	Magnet bar (for magnetizing through compass needles)	2
38	Metal tubes for keeping drawings	2
39	Pen knife	8
40	Pentagraph	2
41	Prismatic compass	3
42	Planimeter (digital)	21
43	Proportionate compass	21
44	Plane table with stand & water proof cover	6
45	Alidade	5
46	Trough compass	5
47	Plumbing fork with bob	8
48	Telescopic alidade	8
49	Indian pattern clinometers	8
50	Ranging rod 4 m	10
51	Offset rod	40
52	Optical square	5
53	Railway curve	4
54	Steel almirah (Big)	2
55	Stool	21
56	Survey plating scale with offset bits	1
57	Stencil set	21
58	Substance bar	2
59	Tapes	10
60	Metallic tape 30 m	10
61	Metallic tape 60 m	10
62	Steel tape 30 m	10
63	Steel band 30 m & 20 m	3 each
64	T Square	2
65	Surveyor's umbrella	21
66	Theodolite transit	8
67	Micrometer Theodolite transit	5
68	Traverse staff	1
69	Rules ebonite plain for drawing lines	1
70	Zinc tray	21
71	Wooden set square, T square & Compass (for chalk board)	1 each
72	Computer & software	3 sets
73	Total station Angle Measurement Minimum Reading: 1" /5" Selectable Accuracy: 2" Compensation: Dual-axis Compensator	1

Distance Measurement

Single Prism: 5.0km

Triple Prism: 8-10km

Mini Prism: 800m

Accuracy (with Prism):2mm+2ppm

Data Storage & Communication

Internal Memory: 2M/24000 point

External Memory: SD Card (up to 2G) Optional

Communication Port: RS-232, Mini USB

General

Dimension (L x W x H): 160mm x 150mm x 330mm

Weight : 5.8kg (including battery)

Working Temp. : -20°C to +50°C

Water/ Dust Proof: IP55

Operation Time:10 Hours