

**1<sup>st</sup> year SCVT PATTERN PRACTICAL EXAMINATION Bills of materials**

**ELECTRICIAN**

1. PVC copper wire 1.5 sq.mm ---As per required.
2. Resistors-2 kilo ohm ---3 Nos
3. Carbon composition resistors- 62 kilo ohm, 1/4w±5%----1 no  
33 kilo ohm , -----1no  
22 kilo ohm-----1no  
,  
220 ohm ½ w±5%----1no  
330ohm-----1no  
470ohm-----1 no
4. Switch 6A , 230 Volt-----2nos
- 5 . Lead acid battery-12v, 80 Ah-----1no
6. Series parallel test lamp set-1no
7. Faulty Maxi for overhauling -----1no
8. Incandescent lamp-500W, 400V-----6 nos
9. MI Volt meter ( 0-600)volt-----1no
10. MI Ammeter (0-5)Amp .-----1no
11. Single phase Watt meter-400V,5Amp ,1.5 KW-----2nos

## **FITTER**

1. M.S Flat:- 50ISF 100x10mm

## **WELDER**

1. M.S. Flat 150mmX 50mmX10mm

## **PLUMBER**

1. Saddle piece, ferrule, union, elbow(PVC), gate valve, PVC pipe , water meter, rubber washer, thread, sealing material, solvent cement
2. ½ “Ø G.I pipe & ½ “Ø sockets
3. 20mm PPR pipe with sockets

## **MMV**

1. BATTERY CHARGER,
2. MULTIMETER,
3. INJECTOR TESTER.

## **MACHINIST**

1. MS rod-160\*50

## **MECHANIC MINING MACHINERY**

1. M.S. Flat 150mmX 60mmX10mm
2. M.S. Flat 400mmX 60mmX10mm