

BILL OF MATERIALS

For AITT under CTS(Semester/DST System) of Practical for all trainees admitted till
Session Aug 2018 to be held in February, 2021

1ST SEMESTER BILL OF MATERIAL LIST FOR AITT EXAMINATION FEBRUARY-2021

ELECTRICIAN

1. Resistance – 10 Ω , 50 Ω , 300 Ω –each - 1 no.
2. Voltmeter (0-50) V -3 nos.
3. Connecting Lids
4. Copper cable 3/22 each trainee - 30 cm
5. Automatic type electric iron

2ND SEMESTER BILL OF MATERIAL LIST FOR AITT EXAMINATION FEBRUARY-2021

ELECTRICIAN

1. Variable resistor (25 Ω) - 1 no.
2. Voltage (0-50 V) - 1 no
3. Milli- Ammeter (0-100)mA - 1 no.
4. Connecting lids
5. 4" x 6" TW board – 1 no.
6. 4" x 6" S plate - 1 no.
7. Batten Holder - 1 no.
8. One way switch – 1 no.
9. 5 pin Socket (6 A) – 1 no
10. Single phase 1 KVA Transformer (230/110) V - 1 no.
11. Single phase Watt meter (3 KW) - 1no.
12. Voltmeter (0-300) V- 1 no.
13. Ammeter (0-5) A - 1 no.

FITTER

1. Fe310, 45 ISF 6 – 85
2. M/S Flat – 45x85x6mm(01 piece)

WIREMAN

1. ICDP switch 16A 240 V-1 no
2. Lamp 200Watt,100Watt,40 Watt 230 V-02 nos each
3. Lamp Holder BC-04 nos
4. Voltmeter 0-300v MC-1 no
5. Ammeter 0-5A MC-1 no
6. Wattmeter 250 V, 0-5A -1 no
7. PVC conduit 20mm-3.6m
8. Switch 2Way 6A 250V-4 nos

9. Batten Holder 6 A 250V-4 nos
10. Miniature Screw cap Bulb 6V 150mA-40 Nos
11. Holder for Screw cap Bulb -40nos
12. Connecting Lead Flexible 23/.2-20 mtr

MECHANIC RAC

1. R-134a Refrigerant
2. R-152a Refrigerant
3. Tube for gas charging
4. Gasket
5. Glue
6. Cutter

3RD SEMESTER BILL OF MATERIAL FOR AITT EXAMINATION FEBRUARY-2021

ELECTRICIAN

6. Resistance – 10 Ω , 50 Ω , 300 Ω –each - 1 no.
7. Voltmeter (0-50) V -3 nos.
8. Connecting Lids
9. Copper cable 3/22 each trainee - 30 cm
10. Automatic type electric iron

FITTER

1. Fe -360 /08 X 80 X 75 MM³

WIREMAN

- | | | |
|-----------------------|---|--------|
| 1. Megger 0-600V | - | 01 no |
| 2. star-delta starter | - | 01 no |
| 3. Volt meter 0-600V | - | 01 no |
| 4. Ammeter 0-15A | - | 01 no |
| 5. Diode 1N4007 | - | 02 nos |
| 6. Transformer 6-0-6V | - | 01 no |
| 7. Flexible wire | - | 02 mts |

MECHANIC MOTOR VEHICLE

- Q1 . Break oil
- Q2. Break oil
- Q3. Break Shoe.

4TH SEMESTER BILL OF MATERIAL FOR AITT EXAMINATION FEBRUARY-2021

ELECTRICIAN

- 1.Multimeter – 1 no.
- 2.Megger 500 V – 1 no.
- 3.Food mixer 240V 50Hz.400 watts – 1 no.
- 4.Grease/lubricating oil – as required
- 5.Kerosene – as required
- 6.Cleaning brush – 1 no.
- 7.Sand paper smooth – as required
- 8.Soldering lead 40:60, soldering flux – as required
- 9.Drawing sheet – 1 no.
- 10.Wheatstone bridge – 1 no.
- 11.Connecting prod for Megger – 1 set
- 12.Connecting prod for wheat stone bridge – 1 set
- 13.Connecting cables(flexible uniform cross sectional area) – as required

FITTER

- 1.55 ISF 06-55

WIREMAN

1. PVC wire-3/22 S.W.G.-5 Metre
2. Variable resistance -0 to 1000 ohm/5amp.-1no.
3. Dimer set-0 to 300 volt-1 no.
4. Ampere meter-M.I.type-0 to 5 amp.-1 no.
5. Voltmeter –M.I.type-0 to 600 volt-1 no.
6. Wattmeter -1KW/300 -1 No.