

AITT AUG 2024
SURVEYOR
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM

Bill of Materials:-

1. Instruments and accessories used in Compass Surveying
2. Instruments and accessories used in Chain Surveying
3. Pencil
4. Eraser
5. Sharpener

AITT AUG 2024
SURVEYOR
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM

Bill of Materials:-

1. Instruments and accessories used in Levelling
2. Drawing sheet
3. Pencil
4. Eraser
5. Sharpener

AITT AUG 2024
SURVEYOR
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM

Bill of Materials:-

1. Instruments and accessories used in Plane Table surveying
2. Drawing sheet
3. Pencil
4. Eraser
5. Sharpener

**AITT AUG 2024
DRAUGHTMAN CIVIL
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM**

Bill Of Materials:-

1. Drawing Paper Full size
2. Mini drafter
3. Pencil – H, 2H, HB.
4. Eraser
5. Scale
6. Sharpener
7. Rough Paper- A4

**AITT AUG 2024
DRAUGHTMAN CIVIL
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM**

Bill Of Materials:-

1. Drawing Paper Full size
2. Mini drafter
3. Pencil – H, 2H, HB.
4. Eraser
5. Scale
6. Sharpener
7. Rough Paper- A4
8. Tools & Equipments for Chain Surveying

**AITT AUG 2024
DRAUGHTMAN CIVIL
PRACTICAL
FIRST YEAR
ANNUAL SYSTEM**

Bill Of Materials:-

1. Drawing Paper Full size
2. Mini drafter
3. Pencil – H, 2H, HB.
4. Eraser
5. Scale
6. Sharpener
7. Rough Paper- A4
8. Tools & Equipments for Levelling

AITT August (Annual system) 2024
Instrument Mechanic (year: 1st)
Trade Practical

BOM:-

1. Circuit board / Ttrainer Kit
2. HART Transmitter
3. Megger
4. Wire : as required
5. Ammeter
6. Voltmeter
7. Digital multimeter
8. Connecting probs

**INSTRUMENT MECHANIC
(TRADE PRACTICAL)
1st YEAR (ANNUAL) NSQF LEVEL-5**

Bill of Material:- Different types of diode & Meggar.

AITT August (Annual system) 2024
Instrument Mechanic (year :1st)
Trade Practical

BOM:-

1. Digital multimeter
2. Thermistor
3. Resistor 50ohm -3
4. Resistor- 200 ohm
5. wattmeter
6. energy meter
7. ammeter and voltmeter

Bill of Material
All India trade test 2024
अखिल भारतीय व्यवसायिक परीक्षा 2024
Trade: Mech. Motor Vehicle 1st year

1. Cotton waste
2. 5 litter Diesel
3. 2 Kg Grease
4. Any 4 Wheeler Vehicle
5. Engine

All India trade test 2024
अखिल भारतीय व्यवसायिक परीक्षा 2024
Trade: Refrigeration & AC Technician 1st year
Bill of Materials

1. Cotton Waste.
2. Window A.C. Unit .
3. Split A.C. Unit .
4. Water Cooler.

AITT AUGUST 2024

BILL OF MATERIAL

TRADE-TURNER (1st Year)

1. MS Round Bar \emptyset 50X80mm

AITT AUGUST 2024

BILL OF MATERIAL

TRADE-TURNER (1st Year)

1. MS Round Bar \emptyset 40X80mm

AITT AUGUST 2024

BILL OF MATERIAL

TRADE-TURNER (1st Year)

1. MS Round BarØ 45X60mm

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024

TRADE- ELECTRONICS MECHANIC

1ST YEAR

(BOM)

1. Multimeter
2. Various Logic Gates
3. Various Electronics Components
4. secondary battery-12 Volt
5. Hydrometer
6. Resistors
7. Different types of Transistors.
8. Connecting wires
9. Battery Charger.

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024
TRADE- ELECTRONICS MECHANIC
1ST YEAR
(BOM)

1. Multimeter
2. Various Logic Gates
3. Various Electronics Components
4. Resistors
5. Connecting wires
6. Different types of Transistors.

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024
TRADE- ELECTRONICS MECHANIC

1ST YEAR

(BOM)

1. Multimeter
2. Various Logic Gates
3. Various Electronics Components
4. CRO
5. Function Generator
6. Resistors
7. Different types of Transistors.
8. Connecting wires
9. Computer

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024

TRADE- MECHANIC CONSUMER ELECTRONIC APPLIANCES

1ST YEAR

(BOM)

1. Voltmere
2. Ammeter
3. Multimeter
4. Connecting Wires
5. Power Supply (0-30 Volts)
6. LCR Meter.
7. Different Types of Capacitor.
8. Different types of Resistance.
9. Transformer (12-0-12)
10. Diode
11. Different circuit braker

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024

TRADE- MECHANIC CONSUMER ELECTRONIC APPLIANCES

1ST YEAR

(BOM)

- 1) Voltmere
- 2) Ammeter
- 3) Multimeter
- 4) Connecting Wires
- 5) Power Supply (0-30 Volts)
- 6) IC 555
- 7) IC 7486 XOR gate
- 8) IC7408 AND gate
- 9) Bread board
- 10) Connecting Wires
- 11) Different types of Resistance.
- 12) PC

ALL INDIA TRADE TEST (ANNUAL SYSTEM) AUGUST-2024

TRADE- MECHANIC CONSUMER ELECTRONIC APPLIANCES

1ST YEAR

(BOM)

- 1) Voltmere
- 2) Ammeter
- 3) Multimeter
- 4) Connecting Wires
- 5) Different types of Resistance.
- 6) Printer.
- 7) SMPS.
- 8) Connection wire

AITT Aug-2024

ISt Year

Trade Practical - Machinist/Machinist (Grinder)

Bill of Material

MS Flat: 32mmX32mmX10mm - 1 pc

MS Flat: 70mmX70mmX10mm - 1 pc

AITT Aug-2024

Ist Year

Trade Practical - Machinist/Machinist (Grinder)

Bill of Material

MS Flat: 62mmX35mmX09mm - 1 pc

AITT Aug-2024

Ist Year

Trade Practical - Machinist/Machinist (Grinder)

Bill of Material

Round Bar: 220mmX Dia 32mm - 1 pc

AITT Aug-2024

Ist Year

Trade Practical - Fitter

Bill of Material

MS Flat: 45mmX45mmX10mm - 1 pc

AITT Aug-2024

Ist Year

Trade Practical - Fitter

Bill of Material

MS Flat: 45mmX45mmX09mm - 1 pc

MS Flat: 60mmX60mmX09mm - 1 pc

AITT Aug-2024

Ist Year

Trade Practical - Fitter

Bill of Material

MS Flat: 76mmX76mmX09mm - 1 pc

Bill of material
Information technology
Practical
(ANNUAL-1ST YEAR)

Materials/ Equipments /Instruments:-

- 1.DC Power supply 5v/500mA-1 No.
- 2.IC 7486,IC7400 with base -1No. each
- 3 LED -2Nos.
- 4 Resistors 330ohms carbon film 1/4w -2 Nos,
- 5 Switch SPST (Light duty) -3 Nos.
- 6 Bread board -1No.
- 7 Solder, flux,- As required
- 8 Connecting wire. 1Meter
- 9 Diodes Rectifier type IN4007 -08 Nos
- 10 Transformer step Down 230Volt/12volt -1No.
- 11 Capacitor 16volt 1000 MFD – 1 No.
- 12 Ammeter 0-10 amp. -3 N0s.
- 13 Volt meter 0-500 volt-3 Nos.
- 14 Mustimeter digital/analog -1No.
- 15 Resistors 15 ohms -2Nos
- 16 MS Office 10 -1No.
- 17 Latest version Window operating software -1 License

Bill of material
ICTSM
Practical
(ANNUAL-1ST YEAR)

Materials/ Equipments /Instruments:-

- 1.DC Power supply 5v/500mA-1 No.
- 2.IC 7486,IC7400 with base -1No. each
- 3 LED -2Nos.
- 4 Resistors 330ohms carbon film 1/4w -2 Nos,
- 5 Switch SPST (Light duty) -3 Nos.
- 6 Bread board -1No.
- 7 Solder, flux,- As required
- 8 Connecting wire. 1Meter
- 9 Diodes Rectifier type IN4007 -08 Nos
- 10 Transformer step Down 230Volt/12volt -1No.
- 11 Capacitor 16volt 1000 MFD – 1 No.
- 12 Ammeter 0-10 amp. -3 N0s.
- 13 Volt meter 0-500 volt-3 Nos.
- 14 Mustimeter digital/analog -1No.
- 15 Resistors 15 ohms -2Nos
- 16 MS Office 10 -1No.
- 17 Latest version Window operating software -1 License

**AITT AUGUST-2024
(ANNUAL-I)
TRADE-WIREMAN
(PRACTICAL)**

BILL OF MATERIALS :-

1. Bare copper wire 4mm dia.30cm – 2 pieces
2. G.I 4mm dia.30cm – 2 pieces
3. PVC insulated flexible cable 23/0.2mm – 10mm
4. PVC round block (90mm*40mm)
5. switch 180mm*100mm with sunmica cover – Each 1 Nos.
6. PVC Tee bends and elbow(each) – 2 Nos.
7. Marking Pen/Pencil/Chalk – as reqd

**AITT AUGUST-2024
(ANNUAL-I)
TRADE-WIREMAN
(PRACTICAL)**

BILL OF MATERIALS :-

- 1. Copper wire 7/22 pvc copper wire 0.3 m long**
- 2. Cotton cloth**

**AITT AUGUST-2024
(ANNUAL-I)
TRADE-WIREMAN
(PRACTICAL)**

BILL OF MATERIALS :-

- 1. Cables pieces -30cm long each of size 20,18,16,7/22,14/36,7/18**
- 2. Earth Tester 3 & 4 terminal – 1 No.**
- 3. Test lamp with 16 watts bulb 230 V & 100Watts 250 volt – each 1 No.**
- 4. S.P switch 6A,250V – 1 No.**
- 5. Resistor 10,20,50 ohms 5 watts –each 1 No.**
- 6. Resistor 20 ohms,2W – 1 No.**
- 7. Connecting leads 14/0.2mm – 1 No.**
- 8. PVC insulated copper wire assorted length – 8 No.**

AITT AUGUST-2024
(ANNUAL-I)
TRADE-ELECTRICIAN
(PRACTICAL)

Bill of Materials:-

1. Lamp- 60w - 03 pic
2. P.V.C wire- 3 meter
3. Pendent Holder
4. One way switch.
5. ware standard GI wire.
6. Batten Holder
7. Three pin socket
8. Fuse

AITT AUGUST-2024
(ANNUAL-I)
TRADE-ELECTRICIAN
(PRACTICAL)

Bill of Materials:-

1. PVC wire two core.
2. Energy Meter
3. Megger
4. PVC Insulation Tap
5. PVC Wire
6. V.I.R wire, P.V.C wire, C.T.S wire, G.I wire, Bare copper wire,
Lead shield cable, flexible cable, weather proof cable.

AITT AUGUST-2024
(ANNUAL-I)
TRADE-ELECTRICIAN
(PRACTICAL)

Bill of Materials:-

1. Power socket
2. Batten Holder
3. Bulb
4. P.V.C Wire
5. Load
6. Watt-meter
7. S.W.G
8. Micro – meter
9. Cable

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AITT AUGUST-2024
BILL OF MATERIALS
ANNUAL SYTEM 1ST YEAR

Sl.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01	Draughtsman Mechanical (224)	SET 1-DRAWING BOARD, DRAWING SHEET, DRAWING INSTRUMENT	AS PER NEED	

AITT AUGUST-2024
BILL OF MATERIALS

ANNUAL SYTEM 1ST YEAR

SI.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01.	Mechanic Agricultural Machinery (216)	THREAD CUTTING DIE, MS ROD, GEAR/ BEARING PULLER	1 PC EACH	

AITT AUGUST-2024
BILL OF MATERIALS
ANNUAL SYTEM 1ST YEAR

Sl.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01.	Mechanic Agricultural Machinery (216)	MEASURING INSTRUMENTS, MULTIMETER, AMMETER, CULTIVATORS, HARROWS, SPRING TESTER	1 PC EACH	

AITT AUGUST-2024
BILL OF MATERIALS

ANNUAL SYTEM 1ST YEAR

SI.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01.	Mechanic Agricultural Machinery (216)	FLARE FITTING COMPONENTS, LEAD ACID BATTERY, HYDROMETER,	1 PC EACH	

AITT AUGUST-2024
BILL OF MATERIALS
ANNUAL SYTEM 1ST YEAR

SI.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01.	Lift & Escalator Mechanic (234)	WHEATSTONE BRIDGE, LIFT ROPES, DIODES,	1 PC EACH	

AITT AUGUST-2024
BILL OF MATERIALS
ANNUAL SYTEM 1ST YEAR

SI.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
02.	Lift & Escalator Mechanic (234)	RESISTORS, TACHOMETER, MULTIMETER, STEPPER/SERVO MOTOR	1 PC EACH	

AITT AUGUST-2024
BILL OF MATERIALS
ANNUAL SYTEM 1ST YEAR

Sl.No	TRADE WITH CODE	RAW MATERIALS	NOS.	REMARKS
01	Lift & Escalator Mechanic (234)	CRO, AC/DC DRIVES, LIFT WITH VVVF DRIVE, A/D & D/A CONVERTERS, DIODES SEMICONDUCTORS	1 PC EACH	