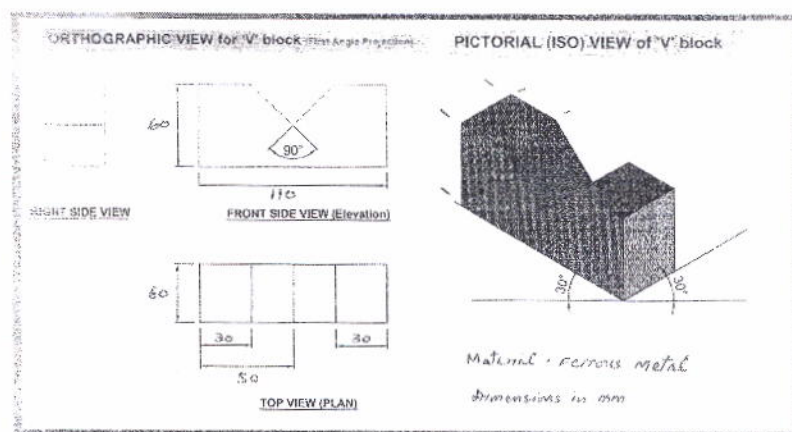


PUNJAB SKILLS DEVELOPMENT FUND EXAMINATIONS,
LIST OF MATERIAL, EQUIPMENT & TOOLS
BATCH-II 2018, (6) SIX MONTH COURSE

Sr.#	Code	Subject	<u>MATERIAL</u>
1	206	Auto CAD CAM	<p><u>Material for each trainee/class</u></p> <p>Computer Lab with Auto CAD/CAM software having capacity of 1 PC Work Station for each student.</p>
2	211	Beautician	<p><u>Material for each trainee/class</u></p> <p>Eye makeup kit 1, Base 1, Blush on 1, Lipstick 1, Nail Polish 1, Eye lashes 1.</p> <p><u>Hairdo Accessories</u></p> <p>Hair pins 1 packet, Jura pins 1 packet, Straightener 1, Rollers 1, Hair Styling gel and spray.</p>
3	214	CAD/CAM Computerized Pattern Designing	<p><u>Tools and Equipments</u></p> <p>Pattern sheets, Japanese ruler, French curve, Set square, Stationery(pencils, erasers, sharpners), Computer system with installed PDS, Printer, Plotter, Digitizer with cursor. Power Supply Backup (Generator / UPS).</p>
4	218	Civil Draftsman (AutoCAD)	<p><u>Material for each trainee</u></p> <p>Complete setup to computer with installed software of Auto-Cad. Monitor / LCD. Keyboard. Mouse. Plotter / Printer. UPS / Generator Backup Power Supply.</p>
5	219	Civil Surveyor	<p><u>Material for each trainee</u></p> <p>Total Station, Prismatic Compass, Tape/Chain, Ranging Rods, Wooden Pegs.</p> <p>One of the level i.e Telting, Dumpy or Auto Triped, Metrix Staff, Other Surveying Equipment as per curriculum of the trade.</p>
6	222	Computer Business Management	<p><u>Material for each trainee</u></p> <p>Computer(s) at workplace using Internet Connection (Minimum 1Mbps) with the provision of reliable Electricity connection. Windows 7 or Windows 8. Microsoft Office 2013.</p>
7	225	Computer Hardware Technician	<p><u>Material for each trainee / Class</u></p> <p>Computers. UPS. Power Backup supplies. Windows XP. Computer CDS. Multiple drivers. Computer dignostic tools. Computer Repair Kit. Recovery Softwares.</p>
8	226	Computer Network Technician	<p><u>Material for each trainee / Class</u></p> <p>Computer system supporting windows 7 requirements. Windows 7 DVD. Scanner. All types of software required in this course. Internet Connection. UPS. Power supply Backup.</p>

9	231-A	CNC Programming Operations Setup	<p>Material for each trainee M.S Round O 2" x 100mm</p> <p>Machinery and Equipment CNC Lathe Machine with required accessories, Facing and Turning tool, Parting off tool 3mm, External Threading "V" shap tool 60°, Thread ring gauge M20x1, Number Punch Set.</p> <p>Hand Tool for Each Trainee Vernier Caliper 150mm, Vernier Depth gauge 150mm, Radius gauge Set R-3 & R-5, Flate File 200x3.</p>
10	241	Electrician	<p>Material for each trainee PVC wire 1/0.0441, 9 meter. Lamp holder, 2. Magnetic contactor 1. Thermal over load relay, 1. Fuse complete. Momentary push button (ON-OFF), 1. Exercise Board (800x1200mm), 1.</p> <p>Note: 3 Phase motor, Fuse & Electrician Tool Kit and all kind of checking tools / instruments ready for practical.</p>
11	242	E-Commerce	<p>Material for each trainee Computers, Printers. Internet Connection. UPS. Power Supply backup.</p>
12	243	Electronics Equipment Repair	<p>Material for each trainee Complete Tool Kit (Electronics) 1. Any three electronics equipment 1 set for 3 candidate. Soldering, Iron, Flux, Solder Wire 1. Series Test Board 1. Multimeter 1. Breadboard 1. Connecting wire for connection on bread board 4 ft. Resistance 22K, 220K, 1. Capacitor 10 uf/16v, 1. Resistance 68 ohm, 2. IC 555, 1. LED, 2. Resistance 100 Ohm, 1. Variable DC Power Supply.</p>
13	244-A	Energy Efficiency Management	<p>Material for each trainee 3-∅ Power & Energy analyzer. 3-∅ Power Supply. 3-∅ Load. 3-∅ Capacitor Bank. Pressure Scencer. Data Logger. Computer. Air Compressor. Temperature measuring instrument with probe.</p>
14	249	Fashion Design	<p>Material for Each Trainee ڈوپٹہ (سفید لٹل) 1۔ ڈوری یا دھاگہ۔ ڈائی کلرز (مختلف قسم کے)۔ ڈائی کرنے کے لئے پانی ٹب، سالٹ۔ براؤن یا سفید پیپر پترن بنانے کیلئے۔ پینٹ کرو۔ فریج کرو۔ پنسل۔ ربر۔ سکیل۔ میٹرسٹک۔</p>
15	258	Forging Shop Operator	<p>Material for each trainee / Class 540~45C/1045 Size 2"x2"x6" Personal Protective Equipments Complete Set. Forging Tools & Equipments.</p>
16	261	Graphic Design (Print Media)	<p>Material for each trainee / Class Computer Lab with relevant software, One working Station for each, Printers, Power Supply Backup. (UPS/Generator)</p>
17	263-A	Hand Knitting	<p>Material for each trainee Wool 3 golas . Knitting Salai, Karoshia, Hand Needles, Knitting Needles, Scissors, Clipper, Fancy Button, Inches Tap.</p>

- 18 283 **Leather Gloves** Material for each trainee
Pattern Maker Scissor 1. Pencil 1. Inch Stapes 1. Rubber 1. Sharpener 1. Knife 1. Cutting Sheet 1. Pattern Boxboard sheet 1.
- 19 289-A **Material Testing and Heat Treatment** Universal testing machine. Gas field furnace. Circular bar 1/2" dia and 10" long should be machine finished. Machine finished 2 square inch sample of AISI 1045 material. Universal Hardness tester.
- 20 295 **Mobile Phone Repairing** Material for each trainee / Class
 Mobile Phone (Any Company), Mother Board of Mobile Phone or (Mobile Training Kit), Power Supply (Digital), Soldering Iron, Tool Kit (For Mobile Repacking), Digital Oscilloscope, Magnified inspection glass with light.
Note: All tools, equipment, machinery, measuring & checking tools/instruments used in making practical training exercises working condition in accordance with the No. of trainees operating in the final exam of Mobile Phone Repairing.
- 21 295-A **Moulding & Casting of Ferrous & Non Ferrous Metals** Material for each trainee / Class
 Moulding sand, Parting sand, Facing sand (as required). Moulding Board 1. Cope & drag boxes 1 set. Tool Kit for Moulding 1. Two pattern of Vee Block for each as per following drawing and sizes.



- 22 296 **Motorcycle Mechanic** Material for each trainee
 petrol 1/4 liter. Kerosine oil 1/4 liter. Grease 1kg. Engine Oil 2 liter. Clutch cable 2. Brake Shoe 1 set. Cylinder Head gas kit 4. Half gas kit 1. Tappet Adjusting Screw 6. Drive Chain set 1. Motorcycle in Working condition 3. Tool Kit Complete. Cotton Rage 3kg.
- 23 297 **Motor Winder** Winding Tools
 Combination Plier, Long nose plier, Side cutter, Screw Driver, Hammer, Tapes, Soldering Iron, Universal motor without connection.
Winding Material
 Winding Wire. Insulating Paper. Varnish. Sleeves. String. Wedge.
- 24 309 **Plumber** Material for each trainee/a Class of 20 trainees
 شاہور ہیڈ 1۔ جی آئی پائپ 6500mm، 1/2"۔ جی آئی ایلیو 2، 1/2"۔ ٹی سٹاپ کاک 2، 1/2"۔ میل فی میل ایلیو 2۔ جی آئی ٹی 2، 1/2"۔ جی آئی کراس اوور 1، 1/2"۔ ب کاک 1۔ جی آئی کراس ٹی 1، 1/2"۔