

BILL OF MATERIAL REQUIRED FOR EACH TRAINEE FOR ALL INDIA TRADE TEST OF “BROAD BASED BASIC TRAINING” UNDER THE SCHEME “CENTRE OF EXCELLENCE” TO BE HELD IN FEBRUARY 2020.**03. AUTOMOBILES****(Practical – I)**

- i) M.S. Flat 80mm x 55mm x 6mm : 1 No.
- ii) Hacksaw cutting blade, Arc welding set : 1 No. each
- iii) M.S. Plate of any suitable size : 2 Nos.

(Practical – II)

- i) Computer with M.S. word software
- ii) Any two wheeler in working condition
- iii) Sufficient tools, spares and equipment : As required by candidates

04. BAMBOO TECHNOLOGY***(Practical – I)**

- i) Material required to make Bamboo Product(Chair or Racks)
- ii) Material required to make utility items(Flower basket/fruit basket)
- iii) Hand tools required for slivering and weaving
- iv) Sand Paper and finishing chemicals

(Practical – II)

- i) Material required to make a round stick of 4mm dia x 4 feet length
- ii) Rope for demonstration of lashing techniques
- iii) Sand paper and finishing chemicals

06. CONSTRUCTION & WOOD WORKING**(Practical – I)**

- i) Enamel Paint of any colour : 1 Liter
- ii) Primer : 1 liter
- iii) Timber pieces / Samples : 5 Nos.
- iv) Plain paper : 1 No.
- v) Drawing sheet & any wooden door : As required
- vi) Sand paper : As required

(Practical – II)

- i) Lamp : 2 Nos.
- ii) Switch : 1 No.
- iii) Connecting wire : As required

07. ELECTRICAL**(Practical – I)**

- i) Diode IN 4007 : As required
- ii) Inductance : As required
- iii) Capacitance : As required
- iv) Resistance : As required
- v) LCR Q meter : 1 No.
- vi) SCR / Triac trainer kit : 1 No.
- vii) Single phase transformer : 1 No.
- viii) Multimeter : 1 No.

(Practical – II)

- i) a) MI-Type, 0-300V voltmeters : 2 Nos.
- b) 0-270V, 5A, single phase Auto transformer : 1 No.
- c) Conneting wires. : As required
- ii) a) Panel of squirrel cage with star delta starter
- b) MI type, 0-10A, Ammeter : 1 No.
- iii) a) Dynamometer type, 0-750W wattmeter : 2 Nos.
- b) Three phase variac 0-500V : 1 No.
- c) 3 Phase RL Load : 1 No.

09. FABRICATION (FITTING & WELDING)**(Practical – I)**

- i) M.S. Plate 162 mm x 65 mm x 20 mm : 1 No.
- ii) G.I. sheet 140 mm x 70 mm x 0.5 mm : 1 No.

(Practical – II)

- i) M.S. Plate size 120 mm x 80 mm x 20 mm : 1 No.
- ii) M.S. Plate size 35 mm x 30 mm x 20 mm : 1 No.

11. HOSPITALITY MANAGEMENT**(Practical – I)**

- i) Stationery Items

(Practical – II)

- i) Stationery item : As required
- ii) Computer system : 1 No.
- iii) Leaking wash basin : 1 No.
- iv) Plumbing equipment : As required

13. INFORMATION TECHNOLOGY**(Practical – I)**

- i) Bread board
- ii) Transistors
- iii) Connecting wires
- iv) Diodes
- v) 4 bit binary counter
- vi) 2 PC
- vii) Cross cable

(Practical – II)

Computer with M.S-Word having word, Access and Power-Point, Excel and Internet explorer with internet connecting should be provided.

15. LEATHER GOODS AND FOOT WEAR**(Practical – I)**

- i) Sketch book : 1 No.
- ii) Pattern sheet : As required
- iii) Leather : As required
- iv) Cutting tools : As required
- v) Designing tools : As required
- vi) Lasting tools : As required
- vii) Insole : As required
- viii) Sole : As required
- ix) Leather swatches : As required
- x) Adhesive : As required
- xi) Adhesive pot : As required
- xii) Brush : As required
- xiii) Cloth : As required
- xiv) Last : As required
- xv) Lacing thread : As required
- xvi) Toe puff & Counter : As required

(Practical -II)

- i) Leather and lining material : As required
- ii) Adhesive and grinders etc : As required

16. PLASTIC PROCESSING**(Practical -I)**

- i) Suitable measuring equipment (Vernier caliper & micrometer)
- ii) Two A4 size paper sheet for each student

(Practical -II)

- i) Automatic compression moulding machine with moulds
thermostate material

18. PRODUCTION AND MANUFACTURING**(Practical – I)**

- i) M.S. Plate 150 mm x 100 mm x 10 mm : 1 No.

(Practical – II)

- i) M.S. Block 45 mm x 45 mm x 35 mm : 1 No.

Note :- Standard tools and equipments as per the syllabus of the trade must be kept ready good condition.
