

TECHNICIAN TRADE TEST

POST CODE: TC 02 UR (CHEMICAL ENGINEERING PILOT PLANT)

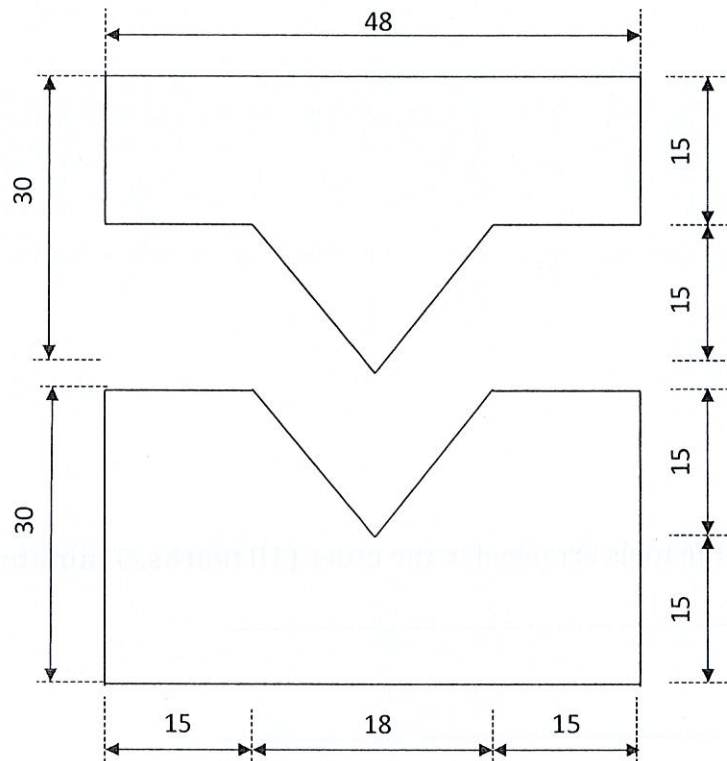
PART B EXAM (PRACTICAL)

Total time: 60 minutes

Total marks: 100

ANSWER ALL QUESTIONS

1. Make a 'V' JOINT with the dimensions shown in figure. (40 marks, 45 minutes)



Note: All dimensions are in mm

Allocation of marks	
Marking & cutting	10
Dimensions	20
Finishing	10
Total	40

2. Make a job setting with the given specimen in a 4 Jaw chuck lathe machine (40 marks, 5 minutes)

3. Identify the different materials in a lathe machine **(10 marks, 5 minutes)**

4. Identify the tools arranged in the order **(10 marks, 5 minutes)**

(i) _____

(ii) _____

(iii) _____

(iv) _____

(v) _____

1. Create the given letter using MS Word.

Set the header with "Practical Test".

Set the footer with Your Name and Roll No.

Save the letter in a file with name TEST3 in Desktop.

Take a printout of the letter.

2. Create an Excel sheet for the monthly sales of a company in five branch offices.

Plot the data with a suitable chart.

Set the footer with Your Name and Roll No.

Save the sheet in a file with name TEST4 in Desktop.

Take a printout of the same.

3. Create HTML pages for the following details.

Page 1:

Heading: RESUME

Contents: Your personal details (Name, Date of Birth, Address)

Provide a link *next* to Page 2

Page 2:

Heading: QUALIFICATION

Contents: Your educational qualification details (Class Studied, Year of Passing, Institution studied, Marks obtained)

Provide a link *back* to Page 1.

Save the HTML pages.

Take a printout of the same.

1. Perform crimping on CAT 6 Straight-Thru cable.

- a) RJ-45 connectors and cable crimper will be provided to you. You have to crimp a standard RJ-45 cable as per the color coding. **10 Marks**
- b) Test the cable by connecting with switch and check the connectivity. **04 Marks**

2. Configure your computer with an IP address manually.

Computer	IP address	Subnet mask
Host A	192.168.20.X	255.255.255.0
Host B	192.168.20.Y	255.255.255.0

Default Gateway: 192.168. 20. 1

- a) Check the connectivity. **02 Marks**
- b) Give the command the find the route to other host. **02 marks**
- c) Give the command to show the IP configuration. **02 Marks**

3. Configure Wi-Fi network with following:

Connect the available SSID: **CLRI**

Find out the following from the Wi-Fi configuration

IP address **10 Marks**
Subnet mask
Gateway
DNS:

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TRADE TEST – ELECTRICAL

* Answer all 15 questions

* Each right answer carries 5 marks (3+2)

* Total: 75 marks

Time: 30 minutes for identification & 30 minutes for uses

Fill in the blanks with suitable Item name/ component name/ Part name after carefully looking at it and write the uses apart from the one which is given below

Example:

This item is used by Electrical technician. The item is **Line Tester**

Use: To check phase

1. This is an item used in light fittings. This item is _____
2. This is used as a safety item in electrical circuits. This is _____
3. This is used in sheet metal switches. Name of this part is _____
4. This is used in electrical panels. Name of this item is _____
5. This measuring instrument used in electrical field. This is _____
6. This is used in domestic power boards. The item is _____
7. This is used for controlling power. The item is _____
8. The size of this under ground cable is _____ core _____ sqmm
9. This is an electrical measuring instrument and the name is _____
10. This is a fuse unit. The material of this fuse unit is _____
11. This is used in cable termination. The item is _____
12. This part is used in motor starters and the item is _____
13. This is used for high power equipment. The item is _____ plug top.
14. This component is used in starters. This is _____
15. This item is used in place of switch and the item is _____

----- END -----

CLAD
(Practical)

Central Leather Research Institute (CLRI), Chennai

Trade Test for Technician (1) TC 07 & TC 08

Part B: (Practical) Attend either 1 or 2 or 3 as applicable

Duration: 60 minutes

1 x 75 = 75 marks

1. (i). Fabricate the Collar/Pocket, with the patterns and materials given **(50 marks)**
(ii). Write down the procedure of the product fabricated **(25 marks)**.
or
2. (i). Fabricate the small leather goods using the patterns and materials given **(50 marks)**
(ii). Write the procedure **(25 marks)**.
or
3. (i). Fabricate the Footwear upper using the patterns and materials given **(50 marks)**
(ii). Write down the procedure **(25 marks)**.
