

No. of Printed Pages : 2

Roll No.

188454

DVOC (Level)

Sem / Trade

**Subject : Soldering & De-soldering
components & Emergency Actions**

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions.
(10x1=10)

- Q.1 Expand term SMD.
- Q.2 Define soldering.
- Q.3 Name two different type os soldering tips.
- Q.4 Write specification of soldering iron.
- Q.5 Name any two de-soldering tools.
- Q.6 Which material is used for making soldering pad?
- Q.7 Why we use flux during soldering.
- Q.8 Which material is used for making jumper wire?
- Q.9 What is soldering station?
- Q.10 Full form of DIP.

SECTION-B

Note: Short answer type questions. Attempt any six
questions out of eight questions. (6x5=30)

- Q.11 Explain various soldering methods.

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- Q.12 Explain the process of Rework in SMTS using
"HOT AIR SOLDER REWORK STATION"

- Q.13 What is flux? How it helps in soldering?

- Q.14 What are the benefits of SMTS?

- Q.15 Define a switch. Write function of Rotary switch with
diagram.

- Q.16 What kind of Emergency medical services provided
in a soldering plant?

- Q.17 What are the primary and secondary evacuation
routes?

- Q.18 Explain different types of fire extinguisher.

SECTION-C

Note: Long answer questions. Attempt any one questions
out of two questions. (1x10=10)

- Q.19 What is an emergency action plan? What are steps
in case of an fire Emergency? Explain in detail.

- Q.20 Explain:

- a. Wave Soldering
- b. Application of SMD'S

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