

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.

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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