

SECTION-B

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

- Q.11 What are primary and secondary evacuation routes?
- Q.12 Describe various types of soldering practices used.
- Q.13 Write the process to De-solder the SMD components on PCB.
- Q.14 How you identify 4-terminal SMD components?
- Q.15 Describe the initial setting of SMD soldering station for soldering of various ICs.
- Q.16 Describe the role of assembly points or safety point.
- Q.17 Describe the function of clamping tools in soldering process.
- Q.18 What are the applications of PCB?

SECTION-C

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

- Q.19 Explain various emergency actions required while using soldering stations for soldering and De-soldering.
- Q.20 Describe various processes involved in De-soldering of SMD ICs in detail.

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Level 5 / 2nd. Sem. / DVOC

Medical Image Tech.

Subject : Soldering & De-Soldering Components & Emergency Actions

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory (10x1=10)

- Q.1 Expand IC.
- Q.2 Write any one soldering tool.
- Q.3 Define De-Soldering.
- Q.4 Write any one part of Panel Boards.
- Q.5 What is the role of Fire Extinguishers?
- Q.6 Write any one part of Soldering station.
- Q.7 Define Emergency exits.
- Q.8 Write any one example of IC package.
- Q.9 What is the use of de-soldering station?
- Q.10 Write any one safety precaution used while De-soldering.

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