

SECTION-B

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

- Q.11 Explain a method of check for cold continuity of PCB.
- Q.12 Describe any two types of Soldering tools.
- Q.13 Describe a method to identify broken tracks on printed wire assemblies.
- Q.14 Explain procedure of preparing components for De-Soldering.
- Q.15 Describe various types of tips of soldering guns.
- Q.16 What are components of Soldering Stations.
- Q.17 Write any five safety precautions to be taken while Soldering.
- Q.18 Describe various in brief.

SECTION-C

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

- Q.19 Describe different types of Solder materials and their gradings in detail.
- Q.20 Explain the various types of PCBs and its applications.

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DVOC (Level 4)

5th Sem

**Subject : Soldering & De-soldering
of Components-I**

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What do you understand by grading of Solder materials.
- Q.2 Explain the use of SMD components.
- Q.3 Multilayer PCB is_____.
- Q.4 Write the basic function of PCB.
- Q.5 Name any two tools that are used in soldering.
- Q.6 The function of wick is_____?
- Q.7 Write any two De-Soldering basic components.
- Q.8 Explain any two applications of Soldering.
- Q.9 Example of discrete component_____
- Q.10 Write the prime use of flux in soldering.

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