

SECTION-B

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

- Q.11 Differentiate between hot and cold soldering.
- Q.12 What are the specification of soldering iron?
- Q.13 What are the benefits of SMD components?
- Q.14 What are precautions taken during soldering?
- Q.15 Explain different types of PCB in brief.
- Q.16 What are properties of a flux?
- Q.17 How we check broken track on PCB? How can we prepare it?
- Q.18 List any four basic components used on PCB. Explain in brief.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 Explain different soldering method in detail with diagram.
- Q.20 Explain:
 - a) Soldering tools
 - b) Application of SMD'S

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188554

Level 5, 1st Sem. / DVOC (Medical Imaging Tech.)

Subject : Soldering & De-soldering Components-I

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 Define soldering?
- Q.2 Name any two type of soldering gun.
- Q.3 Which materials are used to make a solder wire?
- Q.4 Expand SMD.
- Q.5 What is tinning?
- Q.6 What is the function of De-soldering pump?
- Q.7 Why we use flux in soldering process?
- Q.8 Which instrument is used to check broken track on PCB?
- Q.9 Expand PCB.
- Q.10 What is the use of jumper wire on PCB?