No. of Printed Pages : 2
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188431

Level 4 / 1st. Sem. / DVOC

Ref. & Air Cond.

Subject : Soldering & De-Soldering of Components-I

Time : 2 Hrs. M.M. : 50

SECTION-A

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

Q.1 Solder is an alloy of _____ & _____

Q.2 Name any two solder materials.

Q.3 Basic use of flux in soldering.

Q.4 Give any two applications of soldering.

Q.5 Soldering is carried out in temperature range of _____ & _____

Q.6 Use of SMD Components.

Q.7 Define De-soldering.

Q.8 Name any one PCB application.

Q.9 Name any two tools used in Soldering.

Q.10 Name any two De-Soldering basic components.

SECTION-B

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

Q.11 Explain in brief safety precautions to be taken while soldering and de-soldering.

Q.12 Write a short note on various soldering tools.

Q.13 Explain any five specifications of Soldering stations.

Q.14 Explain a method to identify broken tracks on printed wire assemblies.

Q.15 Describe procedure of preparing component for De-soldering.

Q.16 Explain various type of PCBs in brief.

Q.17 Explain any two types of soldering guns related to temperature and wattage.

Q.18 Explain the method to check for cold continuity of PCB.

SECTION-C

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

Q.19 Explain different types of Solder materials and their grading in detail.

Q.20 Explain different applications of PCBs in detail.