

SECTION-B

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

- Q.11 Explain advantages and Disadvantages of Brazing.
- Q.12 Compare single sided and double sided PCB.
- Q.13 Explain pipe earthing procedure in details.
- Q.14 Describe the working principle of Ohm meter.
- Q.15 Explain TRS wiring procedure in details.
- Q.16 Draw the wiring diagram of one bulb and one fan controlled by different switches.
- Q.17 Explain different factors for selection of a wiring system.
- Q.18 Explain advantage and disadvantages of soldering.

SECTION-C

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

- Q.19 Explain procedure of PCB Designing with different steps.
- Q.20 Explain construction and working of moving iron instruments.

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Subject : Engineering Science

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 Draw the symbol of closed switch.
- Q.2 Write two tools that are used in brazing.
- Q.3 What is prime function of earthing ?
- Q.4 What is dry etching?
- Q.5 Draw the symbol of wattmeter
- Q.6 Define Brazing.
- Q.7 What is voltmeter?
- Q.8 What is casing?
- Q.9 Why the flux is used ?
- Q.10 Name different types of wiring.