

No. of Printed Pages : 2
Roll No.

188423

SECTION-B

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

- Q.11 Explain VI Characteristics of Diode.
- Q.12 Explain N and P type semiconductors.
- Q.13 Explain operation of PNP transistor.
- Q.14 Write a note on SCR.
- Q.15 Describe various types of tips of soldering guns.
- Q.16 Explain FET.
- Q.17 Explain electronics and magnetic deflection if CRO
- Q.18 Write a note on cells and batteries.

SECTION-C

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

- Q.19 Explain single and multistage amplifiers.
- Q.20 Compare CB, CC and CE configuration.

**Level 3, 2nd Sem. / Branch: (Re. & Air Cond,
Medical Imaging Tech, Auto.Servicing,
ITM,PT,SD,AMT,FP,EMS)
Subject : Basic Electronics**

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Objective/ Completion type questions. All questions are compulsory. (10x1=10)

- Q.1 What is resistance.
- Q.2 What is unit of voltage.
- Q.3 Define OHM's Law.
- Q.4 What are clipping circuits.
- Q.5 Draw symbol of NPN transistor.
- Q.6 BJT stands for _____
- Q.7 What is MOSEFT.
- Q.8 Expand LASCR
- Q.9 Define term Potential
- Q.10 What is Photoelectric emission.