

SECTION-B

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

- Q.11 Explain brief history of Electronics.
- Q.12 Explain working of full wave rectifier?
- Q.13 What are clippers and explain 2 types of clippers?.
- Q.14 Explain biasing of BJT.
- Q.15 Explain operation of NPN transistor.
- Q.16 Write a note on CMOS.
- Q.17 Explain CB and CC configuration.
- Q.18 Write a brief note on Zener diode regulator.

SECTION-C

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

- Q.19 Explain Zener Diode and Photodiode.
- Q.20 Explain working and characteristics of Thyristors.

No. of Printed Pages : 2

188423

Roll No.

Level 3 Sem II / DVOC (Ref. & 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: Very Short answer type questions. Attempt all ten questions. (10x1=10)

- Q.1 What is VMOS.
- Q.2 What is filter.
- Q.3 Expand FET.
- Q.4 What is single amplifier.
- Q.5 What are metals.
- Q.6 What is PN junction diode?.
- Q.7 What is capacitance.
- Q.8 What is magnetic deflection in CRO.
- Q.9 Write are majority carriers in P type semiconductor.
- Q.10 What is Field intensity?