

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

Roll No.

188423

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?