

TED (15) - 2041
(REVISION - 2015)

Reg. No.....
Signature

SECOND SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/
TECHNOLOGY — OCTOBER, 2016

BASIC ELECTRONICS
(Common for EL, EC and BM)

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

I Answer the following questions in one or two sentences. Each question carries 2 marks.

1. Give two example for passive components.
2. List the uses of capacitors.
3. Define diffusion current.
4. Define the term γ in CB configuration.
5. Define the terms ripple factor.

(5×2=10)

PART — B

(Maximum marks : 30)

II Answer any five questions from the following. Each question carries 6 marks.

1. Find the effective resistance of the given resistive network.

