

**ASUTOSH COLLEGE**  
(Affiliated to University of Calcutta)

*Semester III – Practical Examination, 2020*

*Electronics – Honours*

*Paper – CC-5*

*Full Marks – 30*

*Time – 1hr 30 minutes*

*Send your answer scripts to: asutoshelta@gmail.com*

**Time – 1hour 30 minutes**

**Full Marks – 30**

Answer **any One (1)** question from the followings:

1\*30 = 30

- a) Study the I-V characteristics of a PN junction diode under forward bias condition. Find the dynamic and static resistance from the curve.
  - b) Study the I-V characteristics of a Zener diode under reverse bias condition. Draw the I-V curve and highlight the breakdown voltage.
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