

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

*Semester V – Practical Examination, 2020*

*Electronics – Honours*

*Paper – DSE-II*

*Full Marks – 30*

*Time – 1hr 30 minutes*

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

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

1\*30 = 30

- a) Study the I-V characteristics of a SCR under forward bias condition for three different values of gate current. Plot the I-V data and find the holding current and latching current.
  - b) Study the I-V characteristics of a DIAC under forward bias condition. Plot the I-V data and highlight the forward breakdown voltage. Comment on the nature of the graph.
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