

EE 320 – *Electronics I*

Homework #7

10 points

Date Assigned: 10/6

Date Due: 10/13

- 7.1 Text problem 6.56. Refer to Fig. P6.56.
- 7.2 Text problem 6.57.
- 7.3 Text problem 6.62. Parts (a), (b), and (c) only.
- 7.4 Text problem 6.66. Part (a) only.
- 7.5 Text problem 6.52. $V_{BC} \approx 0.4$ V at the edge of saturation (EOS).
- 7.6 Text problem 6.64.
- 7.7 Text problem 7.34. For the range of validity, compare v_{be} to V_T (see Lecture 13).