

-Menoufia university-I

Faculty of Science

Physics Department

Pre-master exam. -- Semiconductor Physics—2018/2019—Answer All.

N.B .Each perfect and Correct answer get 36 mark

(1)-Write about (a)-Ultrasonic soldering,(b) Ultrasonic cleaning.

(2)-Explain P-n Junction preparation by diffusion.

(3)-determine the conduction type of a given semiconductor.

(4)-Write about the etching of Silicon

(5)-Explain the preparation of Mesa Structure.
