

King Fahd University of Petroleum and Minerals
Department of Physics

Name:
ID#:

PHYS 205 prelab Quiz-11/11/2020
Due time 12:30 pm

Show detailed solution using **your hand writing only on white paper**, typing or printing will not be accepted.
Then, take clear image of your answer and then send it to my email

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Q: Figure below shows the the diffraction pattern produced by single slit using a monochromatic laser of wavelength 510 nm. If the screen where the pattern is projected is located at distance 1.40 m from the slit while the slit width is 0.100 mm. Find the width of the central maximum?

