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Prince Sattam Bin Abdulaziz University

COMPUTER HARDWARE MAINTENANCE

LAB MANUAL 2015

Mohammed Yousuf Uddin

College of Computer Engineering and Science
Prince Sattam bin Abdulaziz University
Al Kharj, Kingdom of Saudi Arabia
m.yousuf@psau.edu.sa

Computer Repair Maintenance Lab Manual

Jean Andrews



Computer Repair Maintenance Lab Manual:

The Complete PC Upgrade & Maintenance Lab Manual Richard Mansfield, Evangelos Petroutsos, 2000 The Lab Manual is a workbook for students taking college and training school classes in computer upgrade maintenance and repair It reinforces lessons with practical hands on tasks Each exercise provides students with recommended readings objectives lists of hardware and software to perform tasks step by step procedures for completing lab work and student lab report **The Complete PC Repair and Troubleshooting Lab Guide** Casper, Donald Casper, 2002-08 Casper is designed to be used as a self study lab manual Features include multiple operating systems on a single workstation logical PC troubleshooting printer setup and troubleshooting and Windows XP coverage This is the perfect reference guide for PC repair and troubleshooting

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attempted not started quiz unit test about this unit when light travels from one medium to another like air to glass or glass to water it does three things

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web we see the light reflected off a mirror coming from a direction determined by the law of reflection the changing of a light ray's direction loosely called bending when it passes through variations in matter is called refraction

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web 3 2 2 references what is reflection when a ray of light comes back into the same medium after striking the surface of another medium then the phenomenon is called reflection of light in other words reflection is the bouncing back of the light rays from a surface in the same medium what is refraction

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web 692 reflection and refraction of light p25 9 a as measured from the diagram the incidence angle is 60 and the refraction angle is 35 from snell's law $\sin \theta_1 / v_1 = \sin \theta_2 / v_2$ then $\sin 35 / 60 = \sin \theta_2 / v_2$ and the speed of light in the block is 20 10 8 ms b the frequency of the light does not change upon refraction

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web refraction is the bending of light it also happens with sound water and other waves as it passes from one transparent substance into another this bending by refraction makes it possible for us to have lenses magnifying glasses prisms and rainbows even our eyes depend upon this bending of light