



Government Girls' Polytechnic, Bilaspur

Name of the Lab: **Hardware & Maintenance Lab**

Practical : **Computer Hardware Installation and Maintenance Lab**

Class: **3rd Semester (ET&T)**

Teachers Assessment: 40 End Semester Examination: 100

EXPERIMENT NO:-1

1. **OBJECTIVE** :- Troubleshooting symptom failures in motherboard.
2. **HARDWARE & SYSTEM SOFTWARE REQUIRED** :- Motherboard of computer system.
3. **SOFTWARE REQUIRED** :- NA
4. **THEORY** :- The Five Basic Elements Of Computer System Are
Storage
Arithmetic and Logical Unit
Control Unit
Input device
Output device

And The Basic Element Of Your Computer System is Us -

Elements Computer System.

Because we are the five basic elements of your computer system.

Storage

We have the most suitable storage solution for your organization to store one of the most valuable resources - data. You can have a hassle free server in your office, or you can store your data at the secure server which you can access the data any time and every where.

Arithmetic and Logical Unit

Computer Repair And Maintenance Lab Manual

Annelies Wilder-Smith



Computer Repair And Maintenance Lab Manual:

The Complete Pc Upgrade & Maintenance Lab Manual Richard Mansfield,2000 The Complete Pc Upgrade Maintenance Lab Manual Has Been Specially Designed For Use With Mark Minasi S The Complete Pc Upgrade Maintenance Guide From Sybex Together These Resources Will Provide You With The Best Procedures For Keeping Pcs In Peak Running Condition Upgrading Aging Computers And Troubleshooting Problems With Existing Systems Inside You Ll Find 40 Skills Focused Labs Including Disassembling The Computer Replacing The Cpu Cables And Connectors Cmos Setup Adding Memory Installing A Hard Drive Diagnosing And Fixing Hard Disk Problems Installing A Scsi Adapter Installing A Cd Rom Cd R Or Dvd Drive Serial Ports Handling Interrupts And I O Address Conflicts Working With Pnp In Windows 98 Notebook Upgrades Memory Hd Battery The Device Manager Installing A Modem General Troubleshooting Diagnostic Software

CompTIA A+ Complete Lab Manual James Pyles,2012-09-13 Boost your understanding of CompTIA A exam principles with practical real world exercises Designed to complement CompTIA A Complete Study Guide this hands on companion book takes you step by step through the tasks a PC technician is likely to face on any given day It supports the theory explained in the test prep guide with additional practical application increasing a new PC technician s confidence and marketability Various scenarios incorporate roadblocks that may occur on the job and explain ways to successfully complete the task at hand In addition each task is mapped to a specific A exam objective for exams 220 801 and 220 802 Tasks are divided into categories hardware and software installation hardware and software maintenance and installing and upgrading operating systems networks and security systems Designed to enhance factual study with practical application Explains step by step how to perform a variety of tasks that PC technicians commonly face on the job Tasks include installing or replacing a power supply or a laptop hard drive installing or upgrading to Windows 7 scanning for and removing viruses installing printer drivers and troubleshooting a network CompTIA A Complete Lab Manual gives you the hands on experience you need to succeed in the real world *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 *Complete PC Upgrade and Maintenance Lab Manual* Donald R. Evans,Mark Minasi,Richard Mansfield,2000 The lab manual targeted toward college students and exam takers reinforces lessons learned in each chapter with practical hands on tasks Each exercise provides students with recommended reading in the book objectives to be accomplished in the lab lists of hardware and software needed to perform the task step by step procedures and a student lab report for observations and information Lab Manual a Hardware Jean Andrews,2005-04 This work prepares readers for the revised A Core Hardware Certification exam offered through the Computer Technology Industry Association CompTIA in the areas of computer hardware SCSI standards computer maintenance networking and computer memory management

PC Hardware Maintenance and Repair Michael W. Graves, Michael Graves, Joanna, 2004-10 **1992 Industry and Product Classification Manual** United States. Bureau of the Census, 1992 **Industry and Product Classification Manual** United States. SIC Coding Task Group, 1992 **IT Essentials**, 2014 IT Essentials PC Hardware and Software Companion Guide Fifth Edition IT Essentials PC Hardware and Software Companion Guide Fifth Edition supports the Cisco Networking Academy IT Essentials PC Hardware and Software version 5 course The course is designed for Cisco Networking Academy students who want to pursue careers in IT and learn how computers work how to assemble computers and how to safely and securely troubleshoot hardware and software issues As CompTIA Approved Quality Content the course also helps you prepare for the CompTIA A certification exams 220 801 and 220 802 CompTIA A 220 801 covers the fundamentals of computer technology installation and configuration of PCs laptops related hardware and basic networking CompTIA A 220 802 covers the skills required to install and configure PC operating systems and configure common features such as network connectivity and email for Android and Apple iOS mobile operating systems Students must pass both exams to earn the CompTIA A certification The features of the Companion Guide are designed to help you study and succeed in this course Chapter objectives Review core concepts by answering the focus questions listed at the beginning of each chapter Key terms Refer to the updated lists of networking vocabulary introduced and turn to the highlighted terms in context Course section numbering Follow along with the course heading numbers to easily jump online to complete labs activities and quizzes referred to within the text Check Your Understanding Questions and Answer Key Evaluate your readiness with the updated end of chapter questions that match the style of questions you see on the online course quizzes Glossary in the back of the book to define Key Terms The lab icon in the Companion Guide indicates when there is a hands on Lab or Worksheet to do The Labs and Worksheets are compiled and published in the separate book IT Essentials PC Hardware and Software Lab Manual Fifth Edition With more than 1300 pages of activities including Windows 7 Windows Vista and Windows XP variations covered in the CompTIA A exam objectives practicing and performing these tasks will reinforce the concepts and help you become a successful PC technician **Cti Higher Edn** Cengage Learning Australia, Thomson Course Technology, 2001-12

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step book available for learning the fundamentals of supporting and troubleshooting computer hardware and software This guide maps fully to the 2003 A Core Hardware and OS Technologies certification exams [Resources in Education](#) ,1999

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