

2023/24 Academic Year ICT Assignment for Grade 11

Part I: Write True if the statement is correct and False if it is incorrect.(1.5 pts each)

- Preventive maintenance is a regular and systematic inspection, cleaning parts of the computer to ensure smooth operation of the organization.
- Hardware Troubleshooting is a systematic approach to identify and solve hardware problems.
- Cleaning dusts from the inside and outside parts of a computer system may lead to hardware problems.
- Beep codes are used to identify software problems on a computer system.
- Diagnostic tools are software tools that are used to diagnose hardware failures.
- Antivirus is software that is used to prevent, detect and remove malware.
- Backup is used to clear viruses from a computer system.
- Disk fragmentation reduces the speed of a computer.
- A surge protector is used to protect a computer against too little electricity.
- When a computer is not used, shutting down computers is useful for a longer life of hardware components.

Part II: Choose the correct answer from the given alternative (1.5 pts for each)

- _____ is the process of reorganizing the data stored on the hard drive so that related pieces of data are put back together, all lined up in a continuous fashion.
A. Disc cleanup C. disk fragmentation
B. disk backup D. disk defragmentation
- _____ is a process of transferring data or files from a computer system to external storage devices.
A. Backup B. Beep code C. Diagnostic Tools D. Troubleshooting
- A program used by a computer to start the computer system after it is powered on is known as.
A. CMOS B. virus C. BIOS D. POST
- Which one is computer software that is used to clean viruses from a computer system?
A. Backup B. Antivirus C. Virus D. POST
- One of the following is not factors that can make computer to fail?
A. Human errors C. Power fluctuation
B. Malicious attack D. computer antivirus installation
- Which one of the following is odd from others?
A. Avast B. Smadav C. Spyware D. Avira
- _____ occurs when two signals are get too close together and creates noise.
A. Power surge B. Power sag C. electrostatic interference D. power spike
- Which one of the following is not preventive maintenance?
A. Regularly cleaning your computer from dust C. Installing antivirus software.
B. Taking regular data backup D. Diagnosing and fixing existing problems.
- Which of the following is utility program?
A. Backup B. data recovery C. data cleanup D. all
- A method of restoring data that has been physically damaged or corrupted by viruses, bad software, hardware failure and power fluctuation is _____.
A. Backup B. Data recovery C. data compression D. virus protection

21. Sounds emitted by the computer during Power on Self-Test (POST) are called_____.
- A. POST B. CMOS C. Beep Codes D. BIOS
22. Which beep codes indicate our computer RAM sticks have gone bad.
- A. Steady short beeps C. Long continuous beep
- B. Steady long beeps D. No beeps
23. _____ is the practice of routinely taking measures in hardware administration that reduces the risk of failures and improves the likelihood of quick recovery in the event that a failure occurs.
- A. corrective maintenance B. Preventive maintenance C. Malware D. Antivirus
24. _____ is a part of a computer's startup program that is used to diagnose the keyboard, the Random Access Memory (RAM), disk drives, and other hardware to make sure they are working properly.
- A. CMOS B. check POST C. Antivirus D. malfunction
25. CMOS stand for_____.
- A. computer machine operating system
- B. common machine operating system
- C. complementary Metal-Oxide Semiconductor
- D. computer machinery operation supply
26. Which item is not found in window log category?
- A. Application B. security C. system D. hardware events
27. When there is one long and two short beep codes occur in your computer there is problems of_____.
- A. Video card failure B. Power Supply C. RAM D. none
28. Which one of the following is not preventive maintenance?
- A. Cleaning computer hardware using a soft cotton cloths and Vacuum Cleaner
- B. Running and updating antivirus
- C. Tacking Back up
- D. replacing already failed Hard disk with a new one
29. What is hardware troubleshooting?
- A. The process of reviewing, diagnosing, and identifying operational or technical Problems within a hardware device or equipment
- B. the process of scanning, identifying, diagnosing, and resolving problems, errors, and bugs In software
- C. Installing antivirus to clean malfunctions
- D. All are correct answer
30. Which one of the following is the Power Protection Devices during power fluctuation?
- A. UPS B. Power surge protector C. power voltage regulator D. all

Part III: Fill in the blank spaces. (1point each)

31. _____ Sounds indicate a hardware problem on a computer system.
32. _____ are software tools that are used to help troubleshoot, diagnose and solve hardware problems.
33. List the top two diagnostic tools that used to help diagnose and solve hardware problems are _____ and _____
34. _____ is the scattering of portions of files in the disk in nonadjacent areas, thus greatly slowing access to the files.
35. _____ is an increase in voltage significantly above the required level in a flow of electricity that causes the Damage and even can cause burns to the person using the computer at the time