**DV300\_23\_SAS on video related to Networking Tools and Safety**

**Q1. As a network administrator the most common tool you probably used is the\_\_\_\_\_\_\_\_\_\_\_ and this tool is used to make custom links to network cables.**

A1. Wire Crimper

**2. After you have attached your RJ-45 adapters to your cable you just place it into a crimper, squeeze it and the cable is done. (True/False)**

A2. True

**Q3. \_\_\_\_\_\_\_\_\_\_\_\_-is a tool that resembles a screw- driver. And this is simply used to connect or punch wires to a punch down block**

A3. Punch Down Tool

**Q4. After making a custom link cable using your \_\_\_\_\_\_\_\_\_\_it’s a good idea to attach the cable to make sure it is wired correctly.**

A4. Wire Crimper

**Q5. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ shielding around a network cable must be removed in order to crimp a connector and this is done by using a cable stripper.**

A5. Plastic

**Q6. TDR stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A6. Time Domain Reflector

**Q7. The TDR then analyzes the reflected signals, and pinpoints which problems?**

A7. a. Connectors

b. Loose connectors

c. Shorts

d. Crimps

e. Bands and so on.

**Q8. OTDR stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A8. Optical time Domain Reflector

**Q9. A millimetre is a device that is used to test electrical circuits. (True/False)**

A9. False

**Q10. \_\_\_\_\_\_\_\_\_\_\_\_\_ is a device that resembles a telephone and it is used to test and monitor telephone lines.**

A10. Butt Set

**Q11. To use Butt set the technician will hook up the device into a \_\_\_\_\_\_\_\_\_\_to hear a conversation to determine if there is problems**

A11. Line

**Q12. A voltage event recorder is a device that is used to collect data about the quality of electrical power. (True/False)**

A12. True

**Q13. Voltage event recorder comes with software that is installed on a computer and the data about the power quality is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_**

A13. Downloaded & Analysed

**Q14. \_\_\_\_\_\_\_\_\_\_\_is a tool used to locating cable from one end to the other**

A14. Tone Generator

**Q15. Protocol Analyzer is also known as a\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A15. Packet Sniffer

**Q16. Protocol analyser detects network problems, intrusion attempts, and monitor networking issues (True/False)**

A16. True

**Q17. Wireshark is a very common software \_\_\_\_\_\_\_\_\_\_\_\_**

A17. Protocol Analyzer

**Q18. A virus is a harmful program that is written to alter a way computers operate. (True/False)**

A18. True

**Q19. Antivirus software programs \_\_\_\_\_\_\_\_\_\_\_a viruses in your hardware drive, targets them and\_\_\_\_\_\_\_\_\_\_\_ them before any damage is done**

A19. Scan & Destroy

**Q20. In order to maintain an optimum protection against viruses you need to scan your computers on your network on a \_\_\_\_\_\_\_\_\_\_\_\_\_ and keep the antivirus \_\_\_\_\_\_\_\_\_\_\_\_.**

A20. Regular basis & Updated

**Q21. ESD stand for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A21. Electro Static Discharge

**Q22. How can you prevent harming a computer and its components by wearing an ESD wrist strap?**

A22. By wearing a ESD wrist strap, it can stop a build up of static electricity in your body by safely grounding you.

**Q23. One end of the ESD strap fits around \_\_\_\_\_\_\_\_\_\_and the other end is grounded.**

A23. The Wrist

**Q24. An ESD mat is typically placed on a desk where assembly takes place. (True/False)**

A24. True

**Q25. Computers contain lead and harmful chemicals such as \_\_\_\_\_\_\_\_\_\_\_that are harmful to the environment.**

A25. Mercury

**Q26. MSDS stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A26. Material Safety Data Sheet

**Q27. As a computer technician safety is a priority when doing any kind of repair work (True/False)**

A27. True

**Q28. Always turn off the power and unplug the power cable before doing any hardware repair work it will protect from \_\_\_\_\_\_\_\_\_\_\_\_\_\_and prevent damage to the computer**

A28. Being Shocked

**Q29. Another precaution you can take is to remove any \_\_\_\_\_\_\_\_\_\_\_\_you might be wearing such as ring, bracelet because this can potentially conduct\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A29. Hand Jewellery & Electricity

**Q30. In the computer field class C fire extinguisher is needed. (True/False)**

A30. True

**Q31. If you have cables running across walk ways you could be in high risk of \_\_\_\_\_\_\_\_\_\_\_accident**

A31. Tripping

**Q32. Never use your back to lift a heavy object, always use your\_\_\_\_\_\_\_\_\_\_\_\_\_**

A32. Legs