20 Questions

**21 At which layer of the OSI model does a stateful inspection firewall work?**

**A Three.**

**B Four.**

**C Six.**

**D Seven.**

**22** Cat5 and Cat6 cables can be run up to 100 m. Why is EMI more likely to affect a cable if it is over length for its standard?

**A** Attenuation means data signals are more easily impacted by EMI.

**B The extra time taken causes a larger impact from EMI.**

**C The longer cable causes amplification of EMI signals.**

**D Cable over 100m is more likely to break causing EMI.**

**23** What is the benefit of using CLI over GUI when logging on to a server?

**A A user can have multiple applications visible and switch between them.**

**B** It allows resources to be selected with a mouse and execute them with a double click.

**C CLI uses a lot less resources than a GUI.**

**D** CLI is more user friendly.

**24** What is it called when the signal in one twisted pair interferes with the signal in another twisted pair within the same cable?

**A Crosstalk.**

**B Signal jitter.**

**C Crossover.**

**D Transfer.**

**25 Electronic equipment is susceptible to ESD. What is ESD?**

**A Electronic System Damage.**

**B Electrical Spike Discharge.**

**C Electrostatic Discharge.**

**D Electron Slope Diffraction.**

**26** The loss of which of the following **COULD** be a result of backup failure?

**A Data.**

**B Bandwidth.**

**C Storage.**

**D Capacity.**

**27** Which of the following makes it possible to move FC traffic across existing high-speed Ethernet infrastructures, and converge storage and IP protocols onto a single cable?

**A Fibre Channel over Ethernet (FCoE).**

**B Fibre Channel and iSCSI.**

**C iSCSI.**

**D** iSCSI over Ethernet.

**28** Which of the following is a **TYPICAL** feature of a client operating system?

**A Provides shares for servers to access.**

**B Accesses shares provided by servers.**

**C Used without a GUI to reduce the attack surface.**

**D Used with a GUI to reduce the attack surface.**

**29** Not having a UPS will leave a system vulnerable to which of the following problems?

a) Blackout.

b) Brownout.

c) Whiteout.

d) Data loss.

e) Slow network.

**A a, b and d only.**

**B b, c and e only.**

**C b, c and d only.**

**D a, d and e only.**

**30** Which of the following can cause a lack of storage capacity?

**A Lack of bandwidth.**

**B Lack of maintenance.**

**C Lack of processing power.**

**D Lack of RAM.**

**31 Fill in the blank.**

Layer 2 switches use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to direct frames.

**A Broadcast addresses.**

**B IP addresses.**

**C Network addresses**

**32 Which of the following is a breach of physical security?**

**A Rootkit.**

**B Virus.**

**C Phishing.**

**D Tailgating.**

**33 Which of the following is a cause of SAN failure over iSCSI?**

**A Invalid IQN address.**

**B A default iSCSI authentication.**

**C** iSCSI licence failure.

**D A fully functional NIC.**

**34** A VDI provides what **PRIMARY** function for end users?

**A Virtual machine.**

**B Virtual desktop.**

**C Virtual storage.**

**D Virtual infrastructure.**

**35** An engineer is working on a switch when the VLAN information is lost. Which of the following would cause this to happen?

**A** The switch has rebooted and the VLAN changes in the running configuration were not written to the memory before the restart.

**B** The running configuration has lost the VLAN information after it was saved and reloaded.

**C** A password recovery took place which caused the VLAN information to be lost.

**D** The command configure terminal was not given before the configuration was entered.

**36** What **SHOULD** be upgraded if a system's swap file is in continuous use?

**A CPU.**

**B Storage.**

**C NIC.**

**D RAM.**

**37** Users are complaining about a WiFi network speed. There are 6 APs to serve 20 users. What **SHOULD** be done to improve the WiFi network?

**A Spread the communication across channels 1, 2 and 3.**

**B Spread the communications across channels 1, 4 and 6.**

**C** Spread the communication across channels 1, 6 and 11.

**D Make sure the APs are all on the same channel.**

**38 In a RAID 0 array of three disks, if one disk fails how would the data be recovered?**

**A Replace the failed disk and recover from backups.**

**B** Replace the failed disk and rebuild the array from the parity in the other disks.

**C Scan the failed disk with scan disk and let it repair the bad blocks.**

**D On restarting it will rebuild the data from the other disks.**

**39 What is the purpose of a WAP?**

**A Routes network traffic.**

**B Connects wireless devices to wired networks.**

**C Provides port filtering from internet traffic.**

**D It is a wireless adapter installed in a PC.**

**40** When operating on a Fiber Channel, the loss of all fiber switches is experienced. What is affected?

**A Local data.**

**B VoIP.**

**C Data storage.**

**D All of these.**