**DV162\_21\_PAS on video related to Remote Access Protocols  
Possible Answers Sheet**

**Q1. \_\_\_\_\_\_\_\_\_\_\_is a technology that enable you to connect to a computer from a remote location**

A1. RAS (Remote Access Technology).

**Q2. RAS was originally developed by Microsoft and built into their Windows NT line of server software. (True/False)**

A2. True.

**Q3. With which network protocol RAS works with?**

A3. TCP/IP, NetBeui, IPX/SPX.

**Q4. SLIP stands for\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A4. Serial Line Internet Protocol.

**Q5. Why is SLIP rarely used anymore?**

A5. Because it's not a secure protocol.

**Q6. During a dial-up connection SLIP sends all data including sensitive data like passwords in \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A6. Clear Text.

**Q7. PPP stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. And this is a standard remote access protocol that is used today**

A7. Point-to-Point Protocol.

**Q8. Why do most internet service providers use PPP protocol for the customer who wants to access the internet through a dial up connection?**

A8. Most internet service providers use PPP protocol for customers who want to access the internet through a dial-up connection because it's secure and supports error checking and multiple protocols.

**Q9. How does PPPOE work?**

A9. PPPoE works by encapsulating PPP frames in Ethernet frames, typically used by users with DSL broadband or wireless connections.

**Q10. PPPOE protocol used for connecting multiple users on a local area network to a remote site sharing a common device (True/False)**

A10. False.

**Q11. PPTP stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A11. Point-to-Point Tunnel Protocol.

**Q11.1. PPTP technology is used for\_\_\_\_\_\_\_\_\_\_\_\_\_. In fact this is the default protocol associated with VPNs.**

A11.1. Creating VPNs (Virtual Private Networks).

**Q12. Does PPTP ensure that the transfer of data between one device to another is secured by creating a secure tunnel between the two points?**

A12. Yes PPTP does.

**Q13. GRE stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a protocol that is used with PPTP in creation of a VPN network**

A13. Generic Route Encapsulation.

**Q13.1. GRE is what actually creates the\_\_\_\_\_\_\_\_\_\_\_ in PPTP. It is used to encapsulating the data in a secure manner**

Q13.1. Tunnel.

**Q14. VPN is a\_\_\_\_\_\_\_\_\_\_\_\_\_**

A14. Virtual Private Network.

**15. The data is encrypted as VPN sends and decrypted when received. It provides a dedicated link between two points over the internet. (True/False)**

A15. True.

**Q16. A VPN is created and managed is by using a\_\_\_\_\_\_\_\_\_\_\_\_\_**

A16. VPN Concentrator.

**Q17. VPN Concentrator authenticates users, encrypts the data, and assigns \_\_\_\_\_\_\_\_\_\_\_\_to users.**

A17. Tunnel/IP addresses.

**Q18. Are VPN Concentrators always needed to manage and create VPNs?**

A18. False.

**Q19. VPN concentrators are mainly used in organizations that are going to use a lot of VPN connections and they need a device to handle heavy traffic that VPNs create. (True/False)**

A19. True.

**Q20. If an organization is only going to use small amount of VPN connections then they can just use the VPN software that is built into their router (True/False)**

A20. True.

**Q21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used when an organization has two offices at different geographical locations and they want those offices to be networked and share data with each other over the public internet**

A21. Site-to-Site VPN.

**Q22. If you need your computer to connect with your office at a different location so you can access files then you will need to set up a \_\_\_\_\_\_\_\_\_\_\_VPN connection.**

A22. Host-to-Site.

**Q23. All the special VPN hardware in host to site would be only at the office or the site side of the connection and not at your home. (True/False)**

A23. True.

**Q24. VPN host to host is simply when you want to establish a VPN connection between two computers over the internet. (True/False)**

A24. True.