

Keys for written test for the Post of System Engineer (SDC) held on 26.12.2021

Topic	Question Text	Answer Choice 1	Answer Choice 2	Answer Choice 3 (optional)	Answer Choice 4 (optional)	Correct answer
Sys-Eng	A program that is employed in the development, repair or enhancement of other programs is known as	Software tool	System software	Utility program	Applications program	Choice 1
Sys-Eng	Which is a non-standard version of a computing language?	PROLOG	APL	PL/1	Army	Choice 4
Sys-Eng	Identify the correct sequence in which the following packets are transmitted on the network by a host when a browser requests a webpage from a remote server, assuming that the host has just been restarted.	HTTP GET request, DNS query, TCP SYN	DNS query, HTTP GET request, TCP SYN	TCP SYN, DNS query, HTTP GET request	DNS query, TCP SYN, HTTP GET request	Choice 4
Sys-Eng	What protocol is NOT used in the operation of a VPN?	PPTP	IPSec	YMUM	L2TP	Choice 3
Sys-Eng	The architecture components for product engineering are	Data,Hardware,Software,People	Data,Documentation,Software,People	Data,Hardware,Software,Procedures	Documentation,Hardware,People,Procedures	Choice 1
Sys-Eng	A single packet on a data link is known as	Path	Frame	Block	Group	Choice 2
Sys-Eng	Which one of the following refers to the non-functional requirements like disaster recovery, security, reliability, etc.	Service Development	Quality of Service	Plan Development	Technical Service	Choice 2
Sys-Eng	You are the administrator of a Windows 2000 Server network that runs in mixed mode. You install a new Windows 2000 Server computer. You create and share a new HP LaserJet 4L printer. Your Windows 2000 Professional client computers can print to the new printer successfully. However, when users try to connect to the printer from Windows NT Workstation 4.0 client computers, they receive the dialog box shown in the exhibit. "The server on which the printer resides does not have a suitable HP LaserJet printer driver installed". You want the printer driver to be installed automatically on the Windows NT Workstation computers. What should you do?	Copy the Windows NT 4.0 Printer Drivers to the Net logon shared folders on all Windows NT Server 4.0 computers still configured as PDCs	Copy the Windows NT 4.0 printer drivers to the Net logon shared folder on the PDC emulator	Change the sharing options on the printer to install additional drivers for Windows NT 4.0 or Windows 2000	Copy the Windows NT 4.0 printer drivers to the Winnt\System32\printer s\dri vers folder on the Windows 2000 print server	Choice 3
Sys-Eng	Unlike earlier versions of Windows Find which used _____ to communicate, Active Directory is fully integrated with DNS and TCP/IP—indeed DNS is required.	NetBIOS Frames protocol	NetBIOS	Server Message Block	Ethernet	Choice 2
Sys-Eng	Which of the following has many features of that is now known as cloud computing?	Web Services	Software	All of the mentioned	Internet	Choice 4
Sys-Eng	Virtual Memory typically located on	RAM	CPU	Flash Card	Hard Disk	Choice 4
Sys-Eng	For each GPO, there is a GPC container stored in the system policies folder in the _____.	Active Directory GPO and Sites console	Active Directory Group Policy console	Active Directory Users and Computers console	Active Directory Domains and Trusts console	Choice 3
Sys-Eng	Which of the following device distributes network traffic across a number of servers?	IDS	Load Balancer	Switch	Hub	Choice 2
Sys-Eng	HTTP is __ protocol	Application layer	Transport layer	Data-link layer	Network layer	Choice 1
Sys-Eng	What do we call the networking hardware that allows data to flow from one discrete network to another?	Switch	Modem	Gateway	Repeater	Choice 3
Sys-Eng	Which of these Internet protocols work at the Application layer?	IP	UDP	TCP	FTP	Choice 4
Sys-Eng	What is the part of the email address before '@' symbol known as?	Username	Password	Domain	Website	Choice 1

Sys-Eng	Which of the following is not a disadvantage of wireless LAN?	Slower data transmission	higher error rate	interference of transmissions from different computers	All of the above	Choice 1
Sys-Eng	The list of coded instructions is called	Computer Program	Algorithm	Flow Chart	Utility Program	Choice 1
Sys-Eng	In CRC there is no error if the remainder at the receiver is ____.	equal to the remainder at the sender	the quotient at the sender	Zero	Non Zero	Choice 3
Sys-Eng	Which one of the following protocol delivers/stores mail to reciever server?	post office protocol	simple mail transfer protocol	hypertext transfer protocol	internet mail access protocol	Choice 2
Sys-Eng	The process of writing computer instructions in a programming language is known as	Coding	Programming	Processing	File	Choice 1
Sys-Eng	With respect to a network interface card, the term 10/100 refers to	Protocol speed	Video Terminal	CPU	Sensors, mechanical controllers	Choice 3
Sys-Eng	Hardware address is known as _____	MAC address	IP address	Network Interface Card	Address Resolution Protocol	Choice 1
Sys-Eng	Frames from one LAN can be transmitted to another LAN via the device	Router	Bridge	Repeater	Modem	Choice 2
Sys-Eng	What command do you use to create Linux file systems?	fdisk	mkfs	mount	fsck	Choice 2
Sys-Eng	What command is used with vi editor to save file and remain in the editing mode?	q!	x	:w	:q	Choice 3
Sys-Eng	In OSI network architecture, the dialogue control and token management are responsible of	data link layer	transport layer	session layer	network layer	Choice 3
Sys-Eng	Find what default group has the right to log on locally, start and stop services, perform backup and restore operations, format disks, create or delete shares, and even power down domain controllers?	Schema Admins	Server Operators	Enterprise Admins	Backup Operators	Choice 2
Sys-Eng	You have a class A network address 10.0.0.0 with 40 subnets, but are required to add 60 new subnets very soon. You would like to still allow for the largest possible number of host IDs per subnet. Which subnet mask should you assign?	255.248.0.0	255.252.0.0	255.255.255.255	255.254.0.0	Choice 4