Guide to Operating Systems 5th edition Tomsho Test Bank

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TRUE/FALSE

1 : The first true 32-bit operating system developed by Microsoft was Windows 3.1.
A : true
B : false

Correct Answer : B

2 : Windows 95 used cooperative multitasking for 16-bit applications and preemptive multitasking for 32-bit applications.
A : true
B : false

Correct Answer : A

3 : Windows 98 was the first Windows OS to use the Kerberos security system.
A : true
B : false

Correct Answer : B

4 : The firewall in Windows 7 is enhanced to monitor incoming communications only.
A : true
B : false

Correct Answer : B

5 : Mac OS X allows multiple users to access the OS in their own workspaces.
A : true
B : false

Correct Answer : A

SHORT RESPONSE

6 : Describe the registry which was introduced in Windows 95.

Correct Answer : The registry is a hierarchical database that provides the following information:* Operating system configuration* Service and device driver information and configuration* Software and application parameters* Hardware configuration* Performance information* Desktop configuration

7 : Describe Active Directory - what it is, what it contains, and how it is organized.

Correct Answer : Active Directory is a database that is used to store information about resources such as user accounts, computers, and printers. It groups resources at different levels (hierarchies) for local and universal management. Active Directory also provides a centralized means to quickly find a specific resource through indexing.

8 : What is Client Hyper-V?

Correct Answer : Client Hyper-V uses the same virtualization technology that is found on Windows Server, allowing you to run multiple OSs on a single physical computer. This feature allows you to upgrade to the latest Windows version and still be able to run older versions of Windows in a virtual machine.

9 : List three features found in Windows Server 2008 that are not found in Windows Server 2003 R2.

Correct Answer : Hyper-v virtualizationSelf-healing NTFSServer CoreServer Manager

10 : What is ReFS and what is its intended use?

Correct Answer : Resilient File System (ReFS) is a new file system in Windows Server 2012/R2 that's intended for large data storage applications that require a high degree of reliability. It's largely backward-compatible with NTFS but doesn't support some features, such as file-based compression, disk quotas, and Encrypting File System (EFS).

11 : Describe DAC and how it can be used to provide secure access to files. Give an example.

Correct Answer : Dynamic Access Control (DAC) gives you fine-tuned control over shared resources without some of the limitations of traditional file permissions. DAC allows classifying data and assigning permissions by user attributes rather than group memberships. As a simple example, a folder can be classified as belonging to the Accounting Department, making access available only to users whose Department attribute equals Accounting, or the folder can be classified as highly sensitive so that its contents are encrypted automatically, relieving an administrator from having to encrypt it manually.

12 : Describe Nano Server.

Correct Answer : Nano Server is a new install option for Windows Server 2016. It goes beyond Server Core, with an even smaller footprint, and doesn't support a local logon-all management tasks are done remotely. Nano Server is designed for single-task virtual machines, a DNS server, a storage host, or a Web server.

13 : List three new reliability features that became available starting with Vista.

Correct Answer : Startup Repair ToolNew code to prevent interruptionsSelf-diagnosis for problemsRestart ManagerService-failure recovery

14 : What are Windows Containers?

Correct Answer : Windows Server 2016 expands its virtualization options with Windows Server Containers and Hyper-V Containers. Containers allow you to run applications that are isolated from one another, improving reliability. Windows Server Containers provide a moderate level of isolation while sharing various system libraries and Hyper-V Containers give you virtual-machine levels of isolation without the resource overhead of an actual virtual machine.

15 : With respect to computer hardware, what is a major difference between Mac OS and Windows or Linux?

Correct Answer : One significant difference between Mac OS and other operating systems is that only Apple makes hardware capable of running Mac OS. Mac OS now runs on Intel processors, but the hardware is still Apple hardware.

MULTIPLE CHOICE

16 : Which of the following OSs was the first to offer true 32-bit functionality?
A : MS-DOS
B : Windows 3.1
C : Windows 95
D : Windows 98

Correct Answer : C

17 : If you suspect that a Windows problem is related to the database that stores hardware and software configuration information, which Windows component should you investigate?
A : ActiveX
B : Plug and Play
C : Component Object Model
D : Registry

Correct Answer : D

18 : Which of the following features differentiated Windows NT from Windows 95/98?
A : Windows NT supported plug and play
B : Windows NTs kernel ran in privileged mode
C : Windows NT had a GUI
D : Windows NT had built-in network support

Correct Answer : B

19 : Which of the following is NOT a feature of the Windows NT security model?
A : file and folder protection
B : user accounts and passwords
C : all network data is encrypted
D : support for domains

Correct Answer : C

20 : Which of the following is NOT a feature first introduced in Windows 2000?
A : user accounts and passwords
B : Active Directory
C : Kerberos
D : IntelliMirror

Correct Answer : A

21 : You need to set up a new network with 15 workstations. You must provide access to network services for all 15 stations simultaneously and you have been told to use Active Directory in this network. Which OS should you use?
A : Windows 2000 Professional
B : Windows 2000 Server
C : Linux
D : Mac OS Server

Correct Answer : B

22 : From which OS did Windows XP evolve?
A : Windows 98
B : Windows ME
C : Windows 2000
D : Windows Server 2003

Correct Answer : C

23 : Which of the following features was first available in Windows Server 2003 and Windows XP?
A : 64-bit Itanium support
B : Active Directory
C : Kerberos authentication
D : Component Object Model

Correct Answer : A

24 : Which of the following is a new feature in Windows 7 that allows you to organize files from multiple locations?
A : File Explorer
B : MMC 3.0
C : Libraries
D : Folder resource sharing options

Correct Answer : C

25 : Which new tool introduced in Windows Server 2008 provides one location to set up, deploy, and manage server and server roles?
A : Server Manager
B : Server Core
C : Active Directory
D : File Explorer

Correct Answer : A

26 : Which new installation option was introduced in Windows Server 2008 that is a bare-bones installation with a limited GUI?
A : Server Manager
B : Server Core
C : Active Directory
D : Hyper-V

Correct Answer : B

27 : Which version of Windows Server has features for implementing a private cloud and comes with an option called Minimal Server Interface?
A : Windows Server 2008
B : Windows Server 2003
C : Windows Server 2012
D : Windows Server Core

Correct Answer : C

28 : You have created a number of different documents using several applications including Word, Excel, and PowerPoint. These files are located in different folders on your hard drive. You want to be able to access these folders from a single location without actually moving them from their current location. What feature of Windows 7 can you use?
A : distributed file system
B : gadgets
C : libraries
D : file server resource manager

Correct Answer : C

29 : Which of the following will be launched automatically if Windows 7 detects a problem while booting the system?
A : Restart Manager
B : Microsoft Update
C : Service-failure Recovery
D : Startup Repair Tool

Correct Answer : D

30 : In which Windows desktop OS was the Start button replaced by the Start screen?
A : Windows 8
B : Windows 10
C : Windows 7
D : Windows 9

Correct Answer : A

31 : Which new feature in Windows Server 2012 provides administrators with the ability to manage storage of different sizes and interfaces, creating virtual disks that can be anything from a simple volume to a fault-tolerant RAID 5?
A : File Server Resource Manager
B : Server Core
C : Storage Spaces
D : Resilient File System

Correct Answer : C

32 : You want to be able to take advantage of the new Server Core feature. You have both 32-bit and 64-bit computers you want to install Server Core on. Which Windows OS should you purchase?
A : Windows Server 2003 R2
B : Windows Server 2008
C : Windows Server 2008 R2
D : Windows Server 2008 Core Edition

Correct Answer : B

33 : You are the administrator for a company that has users that must access the network remotely on a regular basis. You want the remote connection to be secure using IPsec

encryption and as easy as possible to set up for your users. What new feature found in Windows Server 2008 R2 along with Windows 7 can you use to accomplish this?
A : DirectAccess
B : BranchCache
C : FCI
D : MMC 3.0

Correct Answer : A

34 : What feature in Windows Server 2012 gives you fine-tuned control over shared resources by using data classification?
A : Storage Spaces
B : Resilient File System
C : BranchCache
D : Dynamic Access Control

Correct Answer : D

35 : What new feature in Windows 10 allows you to expand your sign-in options by using your facial features or fingerprint if your hardware supports it?
A : Cortana
B : Quick Access
C : Windows Hello
D : Microsoft Edge

Correct Answer : C

36 : What operating system feature enables the operating system to automatically detect newly installed hardware?
A : ActiveX
B : plug and play
C : the registry
D : component object

Correct Answer : B

37 : With what technique are two or more servers linked to equally share the server processor load?
A : plug and play
B : teaming
C : applications services
D : clustering

Correct Answer : D

38 : Which Windows Server 2016 installation option has a small footprint and does not support a local logon?
A : Nano Server
B : Server Core
C : Foundation Server
D : Windows Containers

Correct Answer : A

39 : What feature of UNIX provides the GUI and is network-enabled?
A : BSD
B : Aero
C : Aqua
D : X Window

Correct Answer : D

40 : Which of the following was a major change in Mac OS X that first occurred with Snow Leopard?
A : support for TCP/IP
B : support for only Intel-based processors
C : a new protocol called AppleTalk
D : Split View was introduced

Correct Answer : B

MATCHING

41 : Match each item with a statement below.

A : to register your copy of a Windows operating system	A : activate
B : a Windows Server installable service that consists of a database of computers, users, shared printers, shared folders, and other network resources	B : Active Directory
C : a logical grouping of computers and computer resources that helps manage these resources and user access to them	C : domain
D : allows a server to run multiple independent operating systems at the same time along with running multiple virtual servers on one physical server	D : Hyper-V
E : a way to secure Internet protocol (IP) traffic by encrypting and authenticating each packet	E : IPsec
F : a feature of the operating system kernel introduced in Windows NT which protected it from problems created by a malfunctioning program or process	F : privileged mode
G : a scaled-back version of Windows Server where all configurations and maintenance are done via the command-line interface	G : Server Core
H : a set of storage devices that appear to the server as being locally attached, but in fact are on their own network with access granted to the server	H : storage area network
I : a Windows database that stores information about a computer's hardware and software configuration	I : registry
J : a process in the operating system that keeps	J : task supervisor

track of the applications that are running on the computer and the resources they use

Correct Answer :
A : A

B : B

C : C

D : D

E : E

F : F

G : G

H : H

I : I

J : J