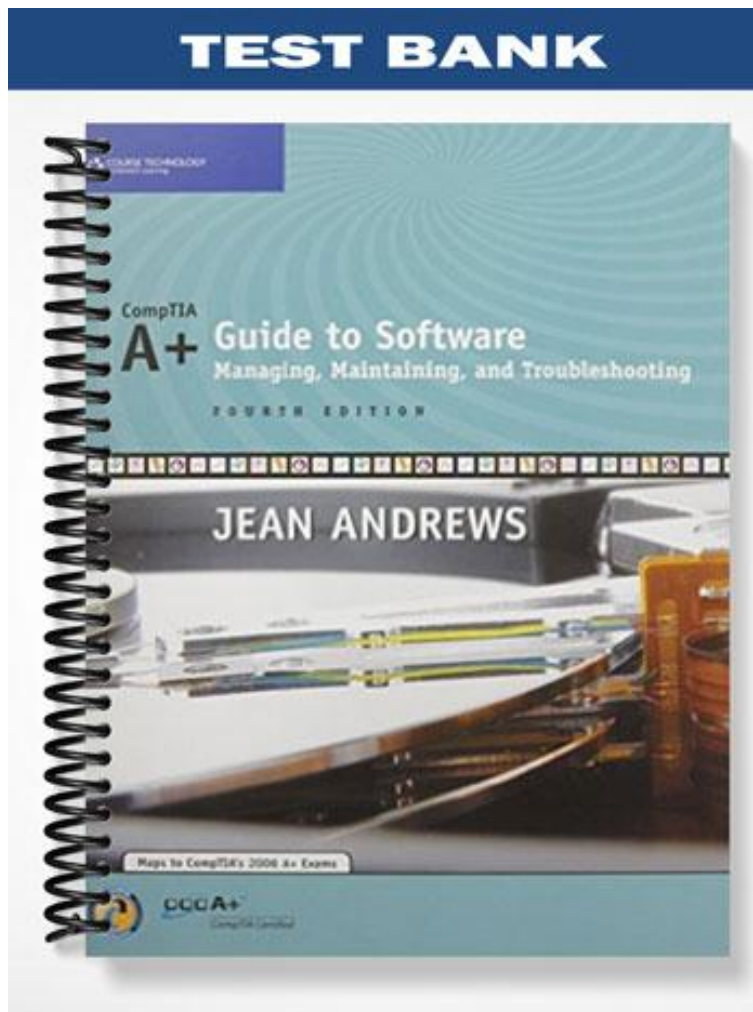


# TEST BANK



## Chapter 2: Installing Windows 2000/XP

---

### TRUE/FALSE

1. An example of multithreading is Microsoft Word requesting that the subsystem read a large file from the hard drive and print a job at the same time.

ANS: T                   PTS: 1                   REF: 61

2. A domain uses a peer-to-peer networking model.

ANS: F                   PTS: 1                   REF: 62

3. The active partition is the partition on the hard drive used to boot the OS.

ANS: T                   PTS: 1                   REF: 66

4. Windows XP is able to use an application installed under the other OS in a dual boot.

ANS: T                   PTS: 1                   REF: 91

5. FAT32 supports compression of individual files and folders.

ANS: F                   PTS: 1                   REF: 72

### MULTIPLE CHOICE

1. Windows XP \_\_\_\_ Edition is used for high-end gaming computers using AMD processors, for servers, or for heavily technical workstations that run scientific and engineering applications and need greater amounts of memory and higher performance than standard desktop PCs.

- a. Media Center   c. Home  
b. Professional x64                                     d. Tablet PC

ANS: B                   PTS: 1                   REF: 58

2. \_\_\_\_ mode is a processor mode in which programs have only limited access to system information and can access hardware only through other OS services.

- a. User   c. Software  
b. Kernel   d. Guest

ANS: A                   PTS: 1                   REF: 60

3. The OS has several subsystems, or OS \_\_\_\_, that use the user mode and interface with the user and with applications.

- a. kernels   c. modules  
b. applications                                     d. subroutines

ANS: C                   PTS: 1                   REF: 60

4. A \_\_\_\_ is a single task that a process requests from the kernel.

- a. process   c. module  
b. thread   d. slack

ANS: B                    PTS: 1                    REF: 60

5. A \_\_\_\_ is a program or group of programs that is running, together with the system resources assigned to it, such as memory addresses, environmental variables, and other resources.
- a. process
  - b. thread
  - c. module
  - d. partition

ANS: A                    PTS: 1                    REF: 61

6. \_\_\_\_ mode is the operating system mode in which programs have extensive access to system information and hardware.
- a. User
  - b. Kernel
  - c. Software
  - d. Guest

ANS: B                    PTS: 1                    REF: 61

7. The \_\_\_\_ is the layer between the OS and the hardware.
- a. kernel
  - b. MFT
  - c. HAL
  - d. domain controller

ANS: C                    PTS: 1                    REF: 62

8. Executive services interface between the subsystems in user mode and the \_\_\_\_.
- a. kernel
  - b. HAL
  - c. domain controller
  - d. RAM

ANS: B                    PTS: 1                    REF: 62

9. A workgroup uses a(n) \_\_\_\_ networking model.
- a. client/server
  - b. hierarchical
  - c. Internet
  - d. peer-to-peer

ANS: D                    PTS: 1                    REF: 62

10. \_\_\_\_ is a directory database and service that allows for a single administration point for all shared resources on a network.
- a. Active Directory
  - b. Active Controller
  - c. Domain Controller
  - d. Domain Directory

ANS: A                    PTS: 1                    REF: 64

11. In Windows 2000/XP, a(n) \_\_\_\_ has rights and permissions to all computer software and hardware resources and is responsible for setting up other user accounts and assigning them privileges.
- a. user
  - b. controller
  - c. administrator
  - d. inspector

ANS: C                    PTS: 1                    REF: 64

12. A hard drive is divided into \_\_\_\_-byte sectors.
- a. 256
  - b. 313
  - c. 512
  - d. 756

ANS: C                    PTS: 1                    REF: 65

13. When Windows 2000/XP is installed on a new hard drive, each partition is divided into one or more \_\_\_\_.

- a. sectors
- b. logical drives
- c. cylinders
- d. boot devices

ANS: B                    PTS: 1                    REF: 65

14. FAT32 is efficient for logical drives up to \_\_\_\_ GB.
- a. 4
  - b. 16
  - c. 32
  - d. 64

ANS: B                    PTS: 1                    REF: 69

15. To take full advantage of Windows 2000/XP power management abilities, your system BIOS must be \_\_\_\_-compliant.
- a. ACPI
  - b. NTFS
  - c. PDC
  - d. BDC

ANS: A                    PTS: 1                    REF: 77

16. The ability to boot from both Windows XP and Windows 2000 on the same machine or to boot Windows 2000/XP and another OS is called a \_\_\_\_.
- a. horizontal boot
  - b. dual boot
  - c. virtual boot
  - d. logical boot

ANS: B                    PTS: 1                    REF: 80

17. Windows 2000/XP can support up to \_\_\_\_ partitions on a hard drive.
- a. two
  - b. three
  - c. four
  - d. five

ANS: C                    PTS: 1                    REF: 81

18. An unattended installation is performed by storing the answers to installation questions in a text file or script that Windows 2000/XP calls a(n) \_\_\_\_ file.
- a. startup
  - b. installation
  - c. setup
  - d. answer

ANS: D                    PTS: 1                    REF: 83

19. \_\_\_\_ is a process which replicates a drive to a new computer or to another drive on the same computer.
- a. Unattended installation
  - b. Drive imaging
  - c. Dual booting
  - d. Drive installation

ANS: B                    PTS: 1                    REF: 83

20. Product \_\_\_\_ is a method used by Microsoft to prevent unlicensed use of its software so that you must purchase a Windows XP license for each installation of Windows XP.
- a. activation
  - b. installation
  - c. acquisition
  - d. renewal

ANS: A                    PTS: 1                    REF: 93

21. \_\_\_\_ is the last service pack Microsoft made available for Windows 2000 before it stopped providing mainstream support for the OS.
- a. SP2
  - b. SP3
  - c. SP4
  - d. SP5

ANS: C                    PTS: 1                    REF: 100

## COMPLETION

1. Windows XP \_\_\_\_\_ Edition is an enhanced version of Windows XP Professional, and includes additional support for digital entertainment hardware such as video recording integrated with TV input.

ANS: Media Center

PTS: 1 REF: 57

2. All 16-bit Windows 3.x applications reside in a(n) \_\_\_\_\_ environment.

ANS:

Win16 on Win32

WOW

Win16 on Win32 (WOW)

PTS: 1 REF: 60

3. Every domain has a(n) \_\_\_\_\_, which stores and controls a database of user accounts, group accounts, and computer accounts.

ANS: domain controller

PTS: 1 REF: 63

4. NTFS uses a database called the \_\_\_\_\_ to hold information about files and directories and their locations on the hard drive.

ANS:

MFT

master file table

master file table (MFT)

PTS: 1 REF: 70

5. After the installation, when you boot with a dual boot, the \_\_\_\_\_ menu automatically appears and asks you to select an operating system.

ANS: boot loader

PTS: 1 REF: 90

## MATCHING

*Identify the letter of the choice that best matches the phrase or definition.*

- |                                   |                        |
|-----------------------------------|------------------------|
| a. Windows domain                 | f. Windows 2000 Server |
| b. boot partition                 | g. Service Pack 2      |
| c. Windows 2000 Datacenter Server | h. primary partition   |
| d. extended partition             | i. slack               |
| e. NTVDM                          |                        |

1. A network operating system that is a step up from Windows 2000 Advanced Server; it is intended for use in large enterprise operations centers
2. The improved version of Windows NT Server; designed as a network operating system for low-end servers
3. A carefully controlled environment that Windows 2000/XP provides
4. A group of networked computers that share a centralized directory database of user account information and security for the entire group of computers
5. Has only one logical drive
6. Has more than one logical drive
7. The partition where the Windows 2000/XP operating system is stored
8. Wasted space on a drive
9. Offers some great benefits, including Windows Firewall and Internet Explorer Pop-up Blocker

- |           |        |         |
|-----------|--------|---------|
| 1. ANS: C | PTS: 1 | REF: 59 |
| 2. ANS: F | PTS: 1 | REF: 59 |
| 3. ANS: E | PTS: 1 | REF: 60 |
| 4. ANS: A | PTS: 1 | REF: 62 |
| 5. ANS: H | PTS: 1 | REF: 67 |
| 6. ANS: D | PTS: 1 | REF: 67 |
| 7. ANS: B | PTS: 1 | REF: 67 |
| 8. ANS: I | PTS: 1 | REF: 69 |
| 9. ANS: G | PTS: 1 | REF: 95 |

## SHORT ANSWER

1. What are the two modes in which Windows 2000/XP operates?

ANS:

Windows 2000/XP operates in two modes, user mode and kernel mode.

PTS: 1                      REF: 60

2. How is OS integrity increased by limiting access to hardware mainly to the HAL?

ANS:

Limiting access to hardware mainly to the HAL increases OS integrity because more control is possible. With this isolation, an application cannot cause a system to hang by making illegal demands on hardware. Overall performance is increased because the HAL and executive services can operate independently of the slower, less efficient applications using them.

PTS: 1                      REF: 62

3. What is a workgroup?

ANS:

A workgroup is a logical group of computers and users that share resources, where administration, resources, and security on a workstation are controlled by that workstation.

PTS: 1                      REF: 62

4. When is the native mode of Windows 2000 used?

ANS:

Native mode is used when no Windows NT domain controllers are present.

PTS: 1                    REF: 63

5. When is the mixed mode of Windows 2000 used?

ANS:

Mixed mode is used when there is at least one Windows NT domain controller on the network.

PTS: 1                    REF: 63

6. What two items are contained in the Master Boot Record (MBR)?

ANS:

The Master Boot Record (MBR) contains two items:

--The master boot program (446 bytes), which loads the OS boot program stored in the OS boot record. (The OS boot program begins the process of loading the OS.)

--The partition table, which contains the description, location, and size of each partition on the drive (up to four).

PTS: 1                    REF: 66

7. How can you see how much hard drive space is available on a logical drive?

ANS:

To see how much hard drive space is available on a logical drive, open Windows Explorer, right-click the drive letter, and select Properties from the shortcut menu.

PTS: 1                    REF: 76

8. What is an advantage of a clean install, instead of an upgrade installation, of Windows 2000/XP?

ANS:

One advantage is that you get a fresh start. With an upgrade, problems with applications or the OS might follow you into the Windows 2000/XP load. If you erase everything (format the hard drive), then you are assured that the registry as well as all applications are as clean as possible.

PTS: 1                    REF: 79

9. What are the two programs that you can use to install Windows 2000/XP?

ANS:

You can use two programs to install Windows 2000/XP: Winnt.exe and Winnt32.exe.

PTS: 1                    REF: 86

10. How do you access the automatic update settings in Windows XP?

ANS:

Click Start, right-click My Computer, and click Properties. In the System Properties window, click the Automatic Updates tab.

PTS: 1

REF: 96