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BUSINESS PROFESSIONALS of AMERICA
Giving Purpose to Potential

INFORMATION TECHNOLOGY CONCEPTS

~OPEN EVENT~

(391)

REGIONAL 2021

TOTAL POINTS   _____100 Points

Test Time: 60 minutes

Choose the *best* answer to the following questions. Mark answers clearly if using a scantron form. Mark A if the statement is true. Mark B if the statement is false.

1. The box where you can type an Internet address is called a(n) _____.
   A. address bar
   B. box
   C. text box
   D. browser

2. The acronym HTML stands for _____.
   A. HyperText Marker Log
   B. HyperText Madeup Language
   C. HyperText Markup Language
   D. HyperText Middle Language

3. _____ is referred to as the physical, tangible components of a computer.
   A. Software
   B. Hardware
   C. Shareware
   D. Freeware

4. The acronym CPU stands for _____.
   A. Central Processing Unit
   B. Central Processing Unix
   C. Central Packaging Unit
   D. Central Proprietary Unit

5. A collection of stored electronic data, such as text, pictures, video, and music, is known as a(n) _____?
   A. folder
   B. collection
   C. gallery
   D. file

6. The largest network used as a communication tool worldwide is _____.
   A. LAN
   B. WAN
   C. Internet
   D. PAN

7. What is the fourth layer of the OSI model?
   A. Physical
   B. Transport
   C. Datalink
   D. Application

8. What does the S, in HTTPS, stand for?
  A. Synced
  B. Security
  C. Solid
  D. Secure

9. Windows uses the file extension to associate which application to use when opening and managing a file, which is known as file association.
  A. True
  B. False

10. Software that controls the computer is called _____.
  A. Operating System
  B. Application Software
  C. GUI
  D. BIOS

11. Without manually deleting files, what is the easiest way to remove temporary files from your system?
  A. Defragmentation
  B. Backup
  C. Disk Cleanup
  D. Delete

12. Which utility program can be used to check a drive for errors and recover data?
  A. Xcopy
  B. Chkdsk
  C. Defrag
  D. Format

13. The utility used to resize partitions of a hard-drive in the Windows OS is _____.
  A. Format
  B. Setup
  C. Disk Management
  D. Chkdsk

14. When dealing with an unhappy customer, you should always _____.
  A. blame others
  B. offer to call the customer back
  C. defend yourself
  D. listen and acknowledge the problem

15. When should a problem be escalated?
   A. When you lack access to more extensive resources.
   B. When you solve the problem.
   C. Immediately.
   D. When the customer annoys you.

16. Troubleshooting a problem should always begin with _____.
   A. examining the system
   B. testing your theory
   C. interviewing the user
   D. making your best guess to a solution

17. Who is the manufacturer of Windows operating system?
   A. Red Hat
   B. Macintosh
   C. Microsoft
   D. Google

18. A sequence of instructions that a computer can interpret and execute is a(n) _____.
   A. algorithm
   B. program
   C. pseudocode
   D. flowchart

19. A compilation of similar web pages is known as _____.
   A. Web page
   B. Internet
   C. Wordpress
   D. Website

20. The acronym Kbps stands for _____.
   A. Kilobits per second
   B. Kilobytes per second
   C. Kilobits per sequence
   D. Kilobytes per sequence

21. The OSI model contains multiple layers. What is the name of the first layer?
   A. Physical
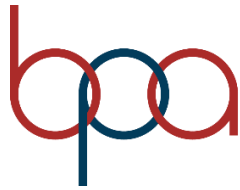   B. Transport
   C. Datalink
   D. Application

22. Virtualization allows for better use of already existing hardware.
    A. True
    B. False

23. How many blocks of hexadecimal numbers are contained in an IPv6 address?
    A. 4
    B. 8
    C. 16
    D. 32

24. The address 192.162.30.100 belongs in what class?
    A. Class A
    B. Class B
    C. Class C
    D. Class D

25. What is the name of the Ethernet port that connects devices to a wire network?
    A. USB
    B. RJ-10
    C. Serial
    D. RJ-45

26. What is the name of the boot that a user completes when they restart a computer?
    A. cold boot
    B. hot boot
    C. long boot
    D. soft boot

27. What is another name for memory that is *not* lost when a computers power is cycled?
    A. volatile
    B. non-volatile
    C. safe
    D. failed

28. Devices that accept and store data in memory are called _____.
    A. input device
    B. output device
    C. peripheral
    D. biometric

29. When data moves from the disk to memory, the rate at which it moves is known as _____.
   A. speed
   B. pro rate
   C. transfer rate
   D. copy rate

30. The process of finding and eliminating bugs and errors in a program is called _____.
   A. delousing
   B. degaussing
   C. debugging
   D. defragging

31. Which account is disabled by default and should remain disabled?
   A. Guest account
   B. User account
   C. Administrator account
   D. Local account

32. Magnetic hard drive data *cannot* be destroyed.
   A. True
   B. False

33. What protocol secures HTTP transmissions for Web server traffic?
   A. EFS
   B. IPSec
   C. NAT
   D. SSL

34. Parent folders pass along what type of permissions?
   A. local
   B. shared
   C. reserved
   D. inherited

35. Which setting disables all wireless devices on an iOS and Android phone?
   A. Airplane mode
   B. Silent mode
   C. Do Not Disturb mode
   D. Ghost mode

36. Worldwide mobile phones and tablets contain a unique number known as a _____.
    A. SIM
    B. ICCID
    C. MAC
    D. IMEI

37. Tethering allows your computer to utilize your cellular network connection to access the Internet.
    A. True
    B. False

38. What is another name for a virtualized client that lacks an operating system?
    A. Thin client
    B. Thick client
    C. Zero client
    D. Dumb client

39. Computer applications are uniquely identified by a(n) _____.
    A. IP Number
    B. ESN
    C. Port Number
    D. MAC

40. Unwanted traffic and Internet access restrictions of local computers can be blocked through this function of your small office/home office router.
    A. forwarding
    B. blocking
    C. firewall
    D. NAT

41. What server finds an IP address for a computer when the domain name is known?
    A. DHCP
    B. DNS
    C. WINS
    D. PPP

42. The faster the clock speed of the CPU, _____.
    A. the more memory is required for processing
    B. the larger the chip size required
    C. the slower the machine cycle time
    D. the more heat the processor generates

43. Resources that are owned by a third-party and leased to users on a usage basis is known as what type of resource?
    A. private
    B. shared
    C. public
    D. local

44. A device that connects two networks and determines the best way for data packets to move forward to their destinations is called a _____.
    A. router
    B. switch
    C. hub
    D. server

45. The _____ is responsible for implementing, modifying and debugging the software necessary to make the hardware work.
    A. applications programmer
    B. systems programmer
    C. client programmer
    D. software programmer

46. A malicious, security-breaking program that is disguised as a useful or legit program, but is actually intended to cause damage.
    A. worm
    B. Trojan horse
    C. virus
    D. malware

47. _____ is a malicious program that reproduces and spreads without human interaction.
    A. worm
    B. Trojan horse
    C. virus
    D. malware

48. An advantage of fiber optic is that it is _____.
    A. expensive to replace and repair
    B. difficult to install or modify
    C. small, light, and fast
    D. easy to install

49. How is data transmitted through fiber optic media?
    A. electrical currents
    B. Morse code
    C. wind currents
    D. light

50. How do organizations use authentication technologies?
    A. Confirm the identity of a user requesting access to information or assets.
    B. Secure sensitive data during e-commerce.
    C. Verify the accuracy of their product descriptions and prices.
    D. Confirm the uniform recourse locator (URL) of their suppliers' Web sites.

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1.	A		26.	D
2.	C		27.	B
3.	B		28.	A
4.	A		29.	C
5.	D		30.	C
6.	C		31.	A
7.	B		32.	B
8.	D		33.	D
9.	A		34.	D
10.	A		35.	A
11.	C		36.	D
12.	B		37.	A
13.	C		38.	C
14.	D		39.	C
15.	A		40.	C
16.	C		41.	B
17.	C		42.	D
18.	B		43.	C
19.	D		44.	A
20.	A		45.	B
21.	A		46.	B
22.	A		47.	A
23.	B		48.	C
24.	C		49.	D
25.	D		50.	A