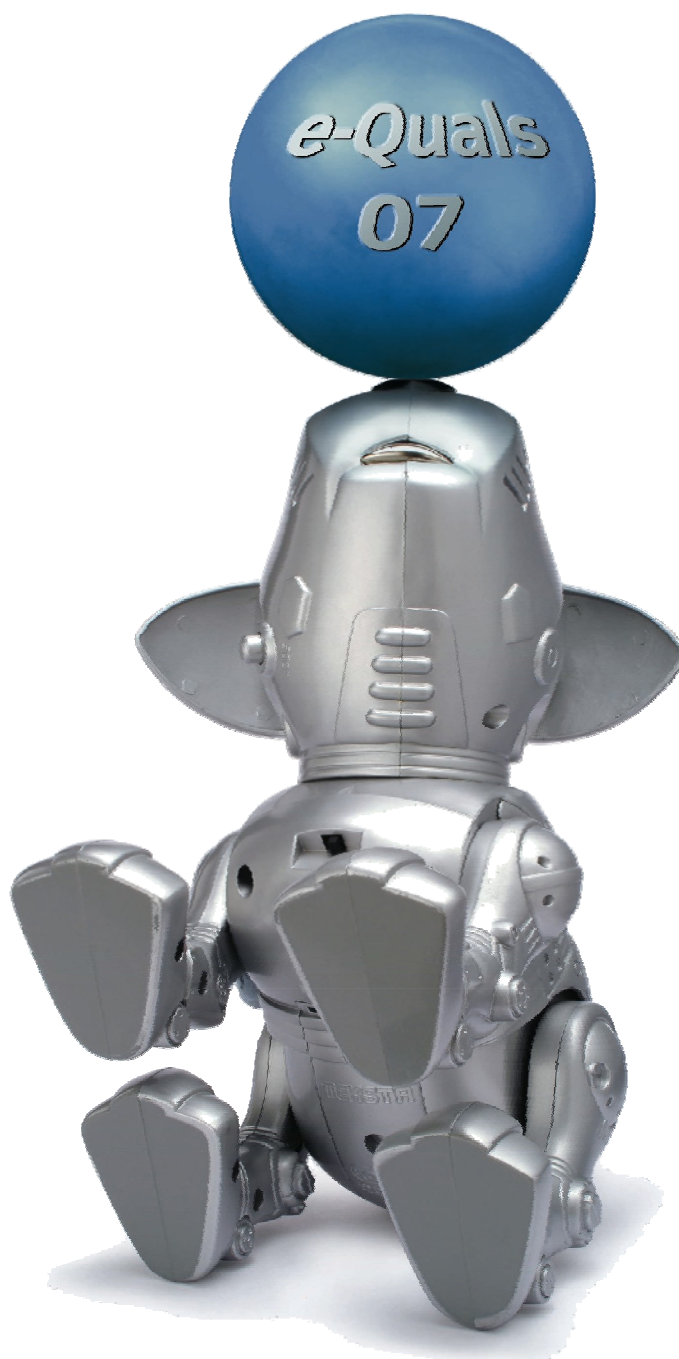


Level 3 IT Principles 3 (7266-141)

e-Quals 07

Sample Multiple Choice Paper

www.cityandguilds.com/e-quals07
July 2008
Version 1.0



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Outcome 1 – Plan and cost hardware acquisition

1. Which one of the following is required to connect a computer to a Local Area Network?
 - a Integrated Systems Digital Network.
 - b Modem Interface Card.
 - c Network Interface Card.
 - d Asynchronous Digital Subscriber Line.

2. Which one of the following requires line of sight for communication?
 - a Infrared.
 - b Wireless.
 - c Cable.
 - d Bluetooth.

3. Which of the following is a protocol for Internet communication on a mobile phone?
 - a Transmission Control Protocol/Internet Protocol.
 - b Wireless Application Protocol.
 - c NetBIOS Extended User Interface.
 - d Infrared Communications Service.

4. A web cam can be used
 - a to transmit documents across the Internet
 - b to transmit video images across the Internet
 - c in place of a browser to view web pages
 - d in place of e-mail software.

5. Which device uses Optical Character Recognition software?
 - a Optical Digital Storage Device.
 - b Digital Barcode Reader.
 - c Multifunction Scanner.
 - d Close Coupled Charge Device.

6. Which type of printer lays colour down in a number of layers?
 - a Solid Ink
 - b Dye Sublimation
 - c Inkjet
 - d Colour Laser.

7. Surge protection devices are intended to?
- a Reduce the risk of damage caused by voltage spikes.
 - b Be used to eliminate the risk of lightning damage.
 - c Reduce the effects of radio interference.
 - d Provide multiple power outlets for many different appliances.
- 8 When setting up a new computer, if it fails to work the first step is to
- a open the box and re-seat the CPU
 - b test that the memory is seated correctly
 - c change the keyboard and mouse
 - d check all power supply connections.

Outcome 2 - Plan and cost software acquisition

9. Setting up a new PC for broadband connection requires the installation of
- a new systems software
 - b an ISDN modem
 - c a 56Kbps modem
 - d peripherals to the correct ports.
10. The main purpose of software customisation is to
- a increase productivity and ease of use
 - b restrict its network availability
 - c make the software harder to learn and operate
 - d make the software execute faster limiting its function.
11. Software can only be installed when the user has
- a compatible device drivers
 - b a compatible operating system
 - c connected all peripheral devices
 - d minimum recommended RAM is available.
12. Application based help resources are
- a available from the software supplier
 - b available from Internet web pages
 - c supplied as a paper-based manual
 - d integrated in the software.

13. New software is usually more reliable if
- a its working environment is altered
 - b it is rolled out and then thoroughly tested
 - c it is first tested in its target environment
 - d any licensing agreements are disregarded.
14. A copyleft license uses copyright law to ensure
- a it is given the same protection as copyright
 - b a programme cannot be reverse engineered
 - c that it can be copied, used and modified freely
 - d the open source when used is copyright.
15. Which of the following will compromise system integrity if deleted when uninstalling software?
- a DLL files shared between applications.
 - b Data files shared between users.
 - c Data files shared between applications.
 - d DLL files used by one application.
16. DDR and DDR2 memory modules
- a can fit in the same memory slots
 - b must always be installed together
 - c cannot be used together
 - d are always used singly.

Outcome 3 – Plan, use and maintain files and directory structures on networks

17. A read only file can only be modified by
- a changing the attribute
 - b the file creator
 - c a programmer
 - d Senior Managers.
18. Permissions are set on a network to
- a prevent all access to shared hardware
 - b give priority to certain groups of users
 - c limit the number of users using applications
 - d restrict the actions that a user can take.

19. Which of the following can create the strongest password?
- a 10 letters.
 - b 5 letters and 5 numbers.
 - c 10 numbers.
 - d 10 character word.
20. The difference between incremental and differential file backups is
- a differential does not change the archive setting
 - b differential does change the archive setting
 - c differential adds to a previous backup
 - d differentials are usually very small.
21. To enable data recovery in the event of a fire, backups should be
- a stored on workstations
 - b kept in a central location
 - c a backup file on the sever
 - d stored off site.
22. A file association is made so that a
- a file extension is specific to a software application
 - b file extension is connected to a specific peripheral
 - c a file cannot be opened without a password
 - d a file cannot be amended.
23. A back up which is recovered from a tape, is read
- a dynamically
 - b randomly
 - c sequentially
 - d non-sequentially.
24. Disk fragmentation is when
- a. disk access is faster
 - b. errors are found on the disk
 - c. files are stored in one location on a disk
 - d. files are split up and stored on a disk.
25. An identified fault in software programming can be corrected by
- a. reinstallation of the same version
 - b. installation of a new device driver
 - c. running diagnostic software
 - d. reinstallation using an upgrade.

26. Which device would be best suited to regular backing up of approximately 4 gigabyte data that alters on a daily basis?
- a DVD RW.
 - b CDRW.
 - c DVDROM.
 - d CDROM.
27. It is advisable to run defragmentation software prior to application installation to ensure that the programme is
- a correctly read from the installation CD
 - b contiguous on the hard drive
 - c written to the correct directory
 - d free from viruses.
28. A firewall is installed to prevent
- a any external access to a network
 - b unauthorised external access to a network
 - c users accessing the network
 - d users accessing the Internet.

Outcome 4 – Use networks to gather, collate and distribute information

29. Which of the following requires checking when setting up a computer for a local area network?
- a Available memory for network applications.
 - b Communications protocols.
 - c Modulation-demodulation software.
 - d Available hard disk capacity.
30. A dumb terminal
- a relies on server side processing
 - b processes data before sending it to the server
 - c does client side processing
 - d cannot use TCP/IP Protocol.
31. Network interface cards are required to
- a access printers with different protocols
 - b access computers on different network
 - c link networked computers to the internet
 - d access computers on the same network.

32. In a peer to peer network (P2P) the network is based upon
- a equal capabilities and responsibilities
 - b client / server relationships
 - c the computing power of the network
 - d centralised large corporate networks.
33. A server based network
- a processes the data before sending the result to the client
 - b sends the data to the client for processing
 - c processes data in 512 kilobyte packets only
 - d only sends tokens when requested by the client.
34. The function of an Internet browser package is to
- a prepare a webpage for transmission by HTTP
 - b enable the user to access HTTP
 - c allow for using FTP over HTTP
 - d decode and compile HTML.
35. A local area network (LAN)
- a can access a WAN through a gateway
 - b links more than one site
 - c requires a mainframe computer
 - d is limited to a maximum of 50 workstations.

Outcome 5 – Describe Health and Safety regulations

36. To reduce the risk of repetitive strain injury (RSI), you should
- a work in well lit areas
 - b use an anti glare screen
 - c use an adjustable chair
 - d take regular breaks.
37. Provision of a safe working environment is the responsibility of
- a the workstation user only
 - b the health and safety officer
 - c both users and management
 - d the systems administrator.

38. When working inside computers
- a there are no problems as they work on 12 and 6 volts only
 - b high voltage areas are isolated from accidental contact
 - c always have the power turned on to check for faults
 - d they should always be turned off at the mains.
39. To be safe when cleaning a computer monitor,
- a always use clean water
 - b always turn it off
 - c get the user to stop typing
 - d do not use anti static wipes.
40. If a computer catches fire, the correct extinguisher to use is
- a carbon dioxide or powder
 - b foam or water
 - c carbon dioxide or foam
 - d water or carbon dioxide.

End of test

ANSWER KEYS

Paper number: 7266-141

Paper title: IT Principles 3

Question Number	Answer	Outcome Reference
1	C	01.01
2	A	01.01
3	B	01.01
4	B	01.02
5	C	01.02
6	B	01.02
7	A	01.04
8	D	01.08
9	D	02.07
10	A	02.01
11	B	02.02
12	D	02.03
13	C	02.04
14	C	02.05
15	A	02.06
16	C	02.07
17	A	03.01
18	D	03.02
19	B	03.03
20	A	03.04
21	D	03.06
22	A	03.07
23	C	03.08
24	D	03.11
25	D	03.10
26	A	03.05
27	B	03.11
28	B	03.03
29	B	04.01
30	A	04.01
31	D	04.02
32	A	04.02
33	A	04.02
34	D	04.04
35	A	04.01
36	D	05.03
37	C	05.01
38	D	05.02
39	B	05.04
40	A	05.05