BCS Level 3 Award in Coding and Logic
Answer Key and Rationale – QAN 603/0523/X

Question	Answer	Explanation / Rationale	Syllabus Sections
1	C	All options except option C will give valid directory listing output on a Linux or Windows machine.	2.4
2	A	Although some of the other options may transfer the file to the appropriate location, this command is the only one that will achieve what was asked in the question.	2.1
3	D	Every extension listed is a valid script extension in Windows, cmd = command file, vbs = Visual Basic script, ps1 = PowerShell, bat = batch file (same as cmd).	2.6
4	B	File transfer protocol (FTP) is a very common way of quickly downloading multiple files from websites.	6.3
5	A	Float is the only option that is able to accommodate a fraction.	5.2
6	C	grep is the only native tool that can be used for text searches on a Linux machine.	5.1
7	A	gzip is the only native tool that can be used to compress on Linux, winzip is a Windows tool, pkzip is an old DOS/Windows tool, 7zip will work on Linux but requires installation.	2.7
8	D	icacls is the primary command line tool for modifying Windows file and directory permissions. Windows machines also have cacls installed for historical purposes but this command is no longer commonly used.	2.5
9	B	IPCONFIG is the primary tool used for getting the IP address from the command line in Windows.	1.1
10	C	Netstat is the tool on Windows (and Linux) that will display network connections on a local computer. The 'a' switch signifies all connections, the 'b' switch lists the process names associated with the connection.	1.1