

## BCS Level 4 Diploma in Network Security Answer Key and Rationale QAN 603/0546/0

Question	Answer	Explanation / Rationale	Syllabus Sections
1	D	An Email-Worm distributes copies of itself in an infectious e-mail attachment.	1
2	C	Tailgating used to be a big problem, many organisations have installed 'air-locks' to prevent it but it is still an issue in smaller companies.	1
3	B	Cross-site Scripting is a client-side code injection attack into a legitimate website or web application.	1
4	B	Denial of service attempts to overload a system by flooding it with superfluous requests from false source IP addresses.	1
5	C	DHCP is the standard method for automatically providing IP configuration to a client host.	1
6	C	A software dongle is an electronic copy protection and content protection device.	2
7	D	A honeypot is a security mechanism set to counteract unauthorised use of systems and consists of hardware or data which is isolated and monitored.	2
8	B	Network Address translation offers some (limited) protection by only presenting the public address to the outside world.	2
9	C	802.11 is the wifi standards family, 802.11i defines security and is implemented as WPA2.	2
10	A	These are popular public domain network scanners.	2
11	A	Secure Shell (SSH) is the common protocol used for this purpose. FTPS and SCP are file transfer protocols, HTTP is not secured.	2
12	D	Social engineering is dependent on people's awareness (or otherwise) and isn't a technology issue.	2

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13	B	TFTP is used for transferring files and is used where user authentication is not required. It uses UDP. FTP & SFTP use TCP, RPC is a remote procedure call.	2
14	B	This is fairly obvious - tapes should be kept cool & dry to avoid distortion & degradation.	3
15	D	BS 25999 defines MTPOD as "The duration after which an organisation's viability will be irrevocably threatened if product and service delivery cannot be resumed".	3
16	B	FM200 is a common gas fire suppression system.	4
17	A	SWOT stands for Strengths, Weaknesses, Opportunities and Threats.	5
18	D	BSEN 18000 isn't a framework, the OHSAS 18000 family is, but is about Health & Safety.	5
19	B	The 4 options are AS level ICT topics.	5
20	D	Standard Tuckman definitions.	5