BCS Level 3 IT Solutions Technician EPA Knowledge Unit Security and Legislation
Answer Key and Rationale

Question	Answer	Explanation / Rationale	Syllabus Sections
1	A	Policies, standards and ethics may have weight and add to a legal case, but they are not primary legislation - the only legal obligation is to obey the law.	1.1
2	D	The Computer Misuse Act is very specific about what it covers. It does not cover the manipulation of computer users. It focuses on unauthorised access and modification.	2.1
3	A	The ISO 27000 standards are truly international and have been accepted very widely. Many standards are relevant to a limited geography or territory and are less well recognised. Many US standards reflect US needs and are often less applicable outside the USA.	2.2
4	C	ISO 22301 specifies requirements to plan, establish, implement, operate, monitor, review, maintain and continually improve a documented management system to protect against, reduce the likelihood of occurrence, prepare for, respond to, and recover from disruptive incidents when they arise. See https://www.iso.org/standard/50038.html.	3.2
5	B	Whilst the other options may indicate some benefit, the main benefit is a reduction of risk. The others contribute to this reduction.	3.1
6	D	Controls are frequently divided into people, process and technology. Firewall is the only technology option offered.	4.2
7	C	Whilst the other options provide support for security awareness, without management support, the potential effectiveness of any initiative is significantly reduced. "Without the support and acceptance of senior management, the security awareness program for the organisation is in serious jeopardy" - from "Creating an IT Security Awareness Program for Senior Management" SANS Reading Room https://www.sans.org/reading-room/whitepapers/policyissues/creating-security-awareness-program-senior-management-992	4.3
8	A	Whilst some of the other options may influence insiders, most research indicates that insiders cause 70-85% of incidents. There are exceptions, but this range has remained fairly constant over decades.	5.2
9	D	Whilst all options are security related controls, patching is specifically about updates.	5.3

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10	**B**	Risk = Likelihood x Impact - This means that the total amount of risk exposure is the probability of an unfortunate event occurring, multiplied by the potential impact or damage incurred by the event. A simple but almost universally accepted approach.	6.2