

BCS Level 4 Certificate in Information and Cyber Security Foundations
Answer Key and Rationale – QAN 603/3214/1

| Question | Answer | Explanation / Rationale | Syllabus Sections |
|----------|--------|--|-------------------|
| 1 | A | These can be traced back to origin. Texts may not be reliable. | 3.8 |
| 2 | C | This is the organisation that researches vulnerabilities. SANS and ISC2 are training organisations. | 2.5 |
| 3 | A | Security policies are part of a company complying with legislation such as GDPR. | 1.1 |
| 4 | C | Changing the passwords is an attempt to contain the incident. | 6.3 |
| 5 | D | All these can be highlighted through auditing. User training will not be highlighted through auditing. | 3.10 |
| 6 | A | Cisco identifies several signature types. Atomic is a single activity or event. String and multi-string refer to pattern matching. | 7.4 |
| 7 | B | Business Impact Analysis and Threat and Risk Analysis are both part of the impact analysis stage of standard ISO 22301. | 5.3 |
| 8 | C | This type of attack exploits vulnerabilities in web browsers. | 7.1 |
| 9 | C | By carrying out risk assessments organisations can adopt rational security policies. | 2.1 |
| 10 | B | A user can deny involvement in a breach. | 2.4 |
| 11 | B | This is the industry standard. Security design is constantly evolving. | 4.2 |
| 12 | C | COBIT and Risk IT were published by Information Systems Audit and Control Association. | 3.11 |
| 13 | A | This definition is a quote from www.itgovernance.co.uk | 3.3 |
| 14 | A | Redundancy is part of business continuity management but not incident response. | 5.2 |
| 15 | C | Poor security management leaves intellectual property vulnerable. | 2.6 |
| 16 | A | This is the definition of security architecture taken from Techopedia. | 4.1 |
| 17 | A | Tests should be carried out at regular intervals and after system changes. | 2.9 |
| 18 | D | These 3 are all part of Risk IT. c is part of COBIT. | 3.5 |
| 19 | B | The infected systems in a botnet are called zombies. | 6.1 |
| 20 | B | This is a targeted phishing attack. | 6.2 |