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|  | |  |  | | --- | --- | | **Computer Science (9-1)**  Legal Issues 1 Paul Burgess |  | | Please note that you may see slight differences between this paper and the original.  Candidates answer on the Question paper.  **OCR supplied materials:** Additional resources may be supplied with this paper.  **Other materials required:** •   Pencil •   Ruler (cm/mm) | **Duration:** Not set | |  | | |  |

## INSTRUCTIONS TO CANDIDATES

•   Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.  
•   Use black ink. HB pencil may be used for graphs and diagrams only.  
•   Answer **all** the questions, unless your teacher tells you otherwise.  
•   Read each question carefully. Make sure you know what you have to do before starting your answer.  
•   Where space is provided below the question, please write your answer there.  
•   You may use additional paper, or a specific Answer sheet if one is provided, but you must clearly show your candidate number, centre number  
    and question number(s).

## INFORMATION FOR CANDIDATES

•   The quality of written communication is assessed in questions marked with either a pencil or an asterisk. In History and Geography   
    a *Quality of extended response* question is marked with an asterisk, while a pencil is used for questions in which *Spelling, punctuation and  
    grammar and the use of specialist terminology* is assessed.  
•   The number of marks is given in brackets **[ ]** at the end of each question or part question.  
•   The total number of marks for this paper is **15**.  
•   The total number of marks may take into account some 'either/or' question choices.

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **1.** | A law firm currently use a Local Area Network (LAN) linked to a Wide Area Network (WAN).  **Fig. 3** lists some actions that may take place in the law firm's office. Tick (✓) **one** box in each row to show which legislation applies to each action.    **[6]** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **2.** | \* Explain the legal issues that school should consider when choosing the software for managing pupils' attendance and examinations.  The quality of written communication will be assessed in your answer to this question.                                **[6]** | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  |  | | **3.** | William is creating a film for a school project using a digital video camera.  William wants to upload his videos on the Internet and is considering releasing them under a Creative Commons license.  Explain how a Creative Commons license will impact the use of William’s videos by other people.                **[3]** | | |

**END OF QUESTION paper**

# Mark scheme

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Question** | | | **Answer/Indicative content** | **Marks** | **Part marks and guidance** | |
| 1 |  |  | |  |  |  |  | | --- | --- | --- | --- | | **Action** | **Data Protection Act 1998** | **Computer Misuse Act 1990** | **Copyright Designs and Patents Act 1988** | | Using a picture for the law firm's new logo without the original creator's permission |  |  | ✓ | | A secretary accessing a lawyer's personal email account without permission |  | ✓ |  | | Making a copy of the latest Hollywood blockbuster movie and sharing it with a client |  |  | ✓ | | Storing customer data insecurely | ✓ |  |  | | A lawyer installing a key logger on the secretary's computer |  | ✓ |  | | Selling client's personal data to a marketing company without their permission | ✓ |  |  | | 6 | 1 mark for each tick in the correct box.  0 marks for a row with more than one tick. |  |
|  |  |  | **Total** | **6** |  | |
| 2 |  |  | Points may include:   * Must abide by software licence * So for open source, the school will be able to make modifications / customisations to exams system * But will probably have to make these modifications also available to other users * And credit all previous contributors in the code * Will have to purchase off the shelf attendance package legally * Software must be able to ensure all legal data protection requirements are met. | 6 | Candidates are most likely to discuss copyright issues to do with software licensing and / or data protection issues to do with pupils' personal data. Consider any relevant legal issues. It is the quality of discussion, not the breadth of issues that determines the level (eg it is possible to score a high level mark with a detailed description of copyright issues only). | **High Level Response (5–6 marks)** A detailed description of legal issues linked to the scenario in the question. There will be few if any errors in spelling, grammar and punctuation. Technical terms will be used appropriately and correctly.  **Medium Level Response (3–4 marks)** A description of legal issues and an attempt to link this to the scenario. Either the description of the issues or the links to the scenario may be weak. There may be occasional errors in spelling, grammar and punctuation. Technical terms will be mainly correct.  **Low Level Response (1–2 marks)** Candidate outlines some obvious legal issues vaguely relevant to a school context. Information will be poorly expressed and there will be a limited,  if any, use of technical terms. Errors of grammar, punctuation and spelling may be intrusive.  **Response not worthy of credit (0** marks) **? Examiner's Comments ?**? was the more difficult of the two quality of written communication questions. It was intended to be open ended allowing candidates to take different approaches to demonstrate their understanding by applying their knowledge on two separate parts of the specification and demonstrate their understanding by connecting them to each other and to a given context. As expected the most able candidates did this well and were able to score in the high level band. Most other candidates focused either on legal issues or on different ways of acquiring software without making strong links between the two. |
|  |  |  | **Total** | **6** |  | |
| 3 |  |  | 1 mark per bullet to max   * Allows free distribution / other people can use/edit his work * **Other people** can redistribute his work * Can **choose** to restrict other people to be able to use/edit/share the videos * Work is still copyrighted / others cannot claim it as their own * No-derivative * …William can set that if others edit it they cannot redistribute it with the edits * attribution * …Can insist e.g. on having his name on it if re-used / referencing / must be credited * Can insist on non-commercial use / others cannot sell/profit from his work / personal use only | 3 AO1 1b (1) AO2 1a (1) AO2 1b (1) | “People need to ask to use it” is not enough.                  **Examiner’s Comments**  This question required candidates to demonstrate their understanding of a Creative Commons license to the context of the use of someone else’s work. Some candidates did not make full use of the context and answered the question by defining the licence. Most candidates were able to explain how other people would be able to use or edit the videos themselves and then redistribute it. More able candidates were able to describe the different Creative Commons licenses available and how each of these would impact the use of the videos. A common misconception was that Creative Commons automatically copyrighted all material so that no one else could use, edit or distribute the videos.  Exemplar 4   This good response shows a clear understanding of Creative Commons licensing and its different forms. They have identified that the public are able to use William’s work and then given the examples of Attribution and the implication that William must be credited if his work is used. This has already gained the 3 marks, but they continue to describe the need for the work to be used non-commercially. |  |
|  |  |  | **Total** | **3** |  | |