

Software Licensing, Expert Systems, Acts of Parliament

Question Type	Typical Answer
<p>Garage Galore have invested a lot of money in an expert system to help with diagnosing faults when servicing cars. Explain in detail what an expert system is.</p>	<ul style="list-style-type: none"> • an expert system is a program /software • (large database of) knowledge/facts/information • asks the user questions. lets you draw conclusions
<p>State an area where an expert system could be used and what it could be used for in that area.</p>	<p>Geological – analysing soil samples In a Doctor’s surgery - To help diagnose a patient</p>
<p>State two advantages of using an expert system rather than relying on a human expert.</p>	<ul style="list-style-type: none"> • cheaper than a human expert • always available (any time/place)/permanent • more consistent/reliable/no human error • more unbiased than a human expert • combines knowledge of many experts.
<p>The Senior pupils at TreeView Academy are planning to stage six coffee mornings throughout the year. They decide to create a poster giving the details. One pupil suggests they use a freeware program to design the coffee cup. State what is meant by the term freeware.</p>	<p>Freeware is software which is free to download And Is freely available.</p>
<p>Kyrre is an employee of Nu4Old. He changed the details of his friend’s car to get him a cheaper deal for his car insurance. Name the Act Kyrre has breached.</p>	<p>Computer Misuse (Act)</p>
<p>State one other breach of the Act.</p>	<ul style="list-style-type: none"> • hacking • spreading of viruses
<p>State the term used to describe an attempt to gain illegal access to a network)</p>	<ul style="list-style-type: none"> • Hacking
<p>Bethany includes the logo from the Tourist Information Web site on</p>	<p>The logo might be copyright protected/she might be breaking the Copyright, Designs & Patents Act.</p>

her poster. Explain why Bethany might be breaking the law by using this graphic.	
State how Bethany could include the logo from the Tourist Information Web site without breaking any laws	She could ask the Tourist Board for permission to use the logo.
A medical centre has been opened computers are used to store the patients' data. The computers are linked together to form a Local Area Network (LAN). The data held about patients is highly confidential. Which Act states that data must be kept secure?	Data Protection Act
State one other requirement of this Act when storing personal data.	<ul style="list-style-type: none"> • data should be accurate and up to date • data should not be held on to for longer than necessary • data should be used only for the specified purpose
Describe two rights that a data subject has with the Data Protection Act.	<ul style="list-style-type: none"> o To request to see the data held about them o To have data altered if incorrect/out of date o To seek compensation for damages
The school's computer network holds lots of personal data about both staff and pupils. The data controller must make sure that the data is accurate and kept up to date. Describe two other responsibilities that the data controller has.	<ul style="list-style-type: none"> o Obtain and process data fairly and lawfully o take appropriate security measures o register the purposes for which data is held o only hold info that's adequate, relevant and not excessive for the purposes o not use or disclose the info in a way contrary to these purposes o allow individuals access to their info o don't keep the info any longer than necessary
Most of Derek's software is commercial. Some of it is shareware. What is shareware?	<ul style="list-style-type: none"> o Software that is free for only a short (evaluation) period
Why do you think Derek distributes his work as shareware?	<ul style="list-style-type: none"> o Customers may buy it after the evaluation period o Gives customers a free trial before purchase o May encourage customers to buy the product or other software written by him

What is freeware?	<ul style="list-style-type: none">o Software that is freely available for use on any number of computer systemso Software is free to download, free to use.
Sometimes pupils try to install games, without permission, on to the school network. State the name of the piece of legislation which makes this action illegal.	<ul style="list-style-type: none">o Copyright, Design and Patents Act