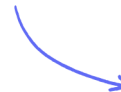


Exam Questions

5.1 Computing Related Legislation

The Data Protection Act 1998 / The Computer Misuse Act 1990 / The Copyright
Design & Patents Act 1988 / The Regulation of Investigatory Powers Act 2000

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Total Marks

/28

- 1 A team of programmers create a robot that will be used in a factory. The robot will be able to do the work of multiple humans.

The robot's web interface uses images that show the robot in action. These photographs have been taken using a digital camera.

The programmers do not want other people to download and use these images.

For other areas of the web interface, the programmers need to use images that they have not created themselves.

Give two ways that they could make sure these images are used legally.

(2 marks)

- 2 A team of programmers create a robot that will be used in a factory. The robot will be able to do the work of multiple humans.

The robot's web interface uses images that show the robot in action. These photographs have been taken using a digital camera.

The programmers do not want other people to download and use these images.

State the name of one relevant piece of legislation and **describe** how this would protect these images.

(3 marks)

- 3 A video streaming service uses a relational database. An extract of the data from two tables from this database is shown in **Fig. 2**.

Membership contains data about current memberships that customers hold and package contains data about different streaming packages available.

Username	FirstName	StartDate	PackageType
User001	Amaya	08/05/2016	Premium
User002	Amit	06/06/2019	Basic
User003	Tom	17/08/2019	Free
User004	Kareem	08/08/2017	Basic
User005	Sarah	25/03/2020	Premium

Membership

PackageType	CostPerMonth (£)	Adverts
Premium	12.99	false
Basic	7.99	true
Free	0.00	true

Package

The Copyright Designs and Patents Act 1988 applies to all videos that are streamed.
Explain how this act applies to the videos.

(2 marks)

- 4 The Regulation of Investigatory Powers Act (2000) has been described as both a vital legal tool to ensure the public's safety and an attack on an individual's freedoms.

Evaluate the purpose and use of the Act.

You should include

- the additional powers given under the Act
- to whom these powers are given
- the perceived benefits and/or drawbacks of the Act.

(12 marks)

- Discuss** whether or not you agree with this statement.

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(9 marks)