



VCE VET Information and Communications Technology

Written examination – End of year

Sample questions

SECTION A – Multiple-choice questions

Question 1

How long does a standard patent last?

- A. 5 years
- B. 10 years
- C. 20 years
- D. 30 years

Question 2

What should an employee do if they, in an email, accidentally leak intellectual property (IP) owned by the organisation they work for?

- A. No action is required.
- B. Log the leak with IP Australia.
- C. Notify a colleague that they work with.
- D. Notify their supervisor or manager immediately.

Question 3

Ted's computer had a virus. After Ted removed the virus, he found that some files were damaged.

When Ted restores the system from a backup, it is important to

- A. use the most recent backup.
- B. restore the computer to factory settings.
- C. use a backup from before the virus infiltrated the system.
- D. back up the existing system to the same location as the backup that is to be restored.

Question 4

Djamila, a system administrator, is setting up access controls on a school's student behaviour tracking system.

Which stakeholders should have edit rights to the student behaviour data?

- A. the teachers
- B. the teachers and Djamila
- C. the teachers, Djamila and the parents
- D. the teachers, Djamila, the parents and the students

SECTION B – Short-answer questions

Question 1 (5 marks)

Riley runs an obedience training school for dogs. He wants to set up a website so that he can promote his classes and allow clients to book online. His clients will need to enter information such as their name, address, phone number and email address. The web design company that will be creating the website has asked Riley to supply the company with a privacy policy to display on the website.

- a. State **three** items that must be included in a privacy policy. 3 marks

- b. Explain why Riley should have a privacy policy. 2 marks

Question 2 (6 marks)

Describe three of the Australian Privacy Principles and give an example of how each principle could be applied.

1. _____

Example _____

2. _____

Example _____

3. _____

Example _____

Question 3 (7 marks)

A hospital provides medical care to more than 11 000 people a year. Saranta’s role in the hospital’s ICT department is to maintain and secure medical records.

Saranta uses a backup schedule.

- a.** State the purpose of a backup schedule. 1 mark

- b.** Backups are stored on the cloud.
List one advantage and one disadvantage of storing backups of medical records on the cloud. 2 marks

Advantage _____

Disadvantage _____

- c.** Describe how Saranta should check that medical records have been backed up correctly. 2 marks

- d.** Outline a backup strategy that Saranta could use. 2 marks

Question 4 (5 marks)

Bilby River High School has a licence to install 20 copies of a software application that will be used by the Year 10 Information Technology (IT) students.

- a. Describe a method by which the software application owners can ensure that the software is not installed on more than 20 machines. 2 marks

The software application is open-source software. The IT teacher has edited the software so that it can now be used on any 20 machines as long as no more than 20 users log in at the same time.

- b. Explain how the IT teacher has violated the software agreement. 2 marks

- c. State why a school might want to be able to move licences from one user to another over time. 1 mark

Answers to multiple-choice questions

Question	Answer
1	C
2	D
3	C
4	B