

Exercise walk-through

Legal and Ethical Concerns ■ 5.5

eXercise

You must be able to

- explain how **intellectual property** 知识产权 and **copyright** 版权 protect a creator's work
- describe how a **Creative Commons** 知识共享 or open-source license grants permission
- identify **ethical** 伦理 concerns of collecting and using personal data
- explain the difference between using material **legally** and **ethically**

Method — Protecting creative work

Copyright and **intellectual property** protect the work of a creator, so others cannot use it freely without permission.

Method — Licenses

A **Creative Commons** or **open-source** license **grants permission** to use others' work under stated conditions (such as giving credit).

Method — Legal vs ethical

Something can be **legal** but still raise **ethical** concerns (e.g. collecting personal data).
Developers have responsibilities toward **privacy** and honest use of others' work.

Practice 2.1 ■ 1 mark

State what copyright protects.

Solution 2.1

Worked steps

the work of a creator (their original creative work) **B1**.

Practice 2.2 ■ 1 mark

State what a Creative Commons license does.

Solution 2.2

Method: Licenses

Worked steps

it grants others permission to use the work under stated conditions **B1**.

Practice 2.3 ■ 2 marks

State the difference between using material legally and using it ethically.

Solution 2.3

Worked steps

legal use follows the law; ethical use also respects fairness, privacy, and honesty even where the law allows it **B1** **B1**.

Exam-style 3.1 ■ 1 mark

Copyright protects the

- A** hardware
- B** work of a creator
- C** Internet itself
- D** processor

Solution 3.1

A hardware

B work of a creator 

C Internet itself

D processor

Worked steps

B.

Exam-style 3.2 ■ 1 mark

A Creative Commons license

- A** blocks all use of a work
- B** grants permission to use a work under conditions
- C** deletes files
- D** encrypts data

Solution 3.2

Method: Licenses

- A blocks all use of a work
- B grants permission to use a work under conditions** 
- C deletes files
- D encrypts data

Worked steps

B.

Exam-style 3.3 ■ 1 mark

A student copies an image into a school project.

- (a) Name what protects the original creator's work.
- (b) Name a license type that might permit reuse.
- (c) State one responsibility toward others' work.

Solution 3.3

Worked steps

(a) copyright (intellectual property) **B1**. (b) a Creative Commons or open-source license **B1**. (c) credit the creator and respect the license terms **B1**.