

Weekly Assessments

Programming and Artificial Intelligence — First Secondary Grade (Languages)

First Term 2026/2027 — Week 1 to Week 4

Week	Lessons	Sheets
Week 1	Unit 1: Lesson 1-1 Information and Media, Lesson 1-2 Information Ethics — Unit 2: Lesson 2-1 Personal Information	First Test, Second Test, Third Test
Week 2	Unit 2: Lesson 2-2 Intellectual Property Rights, Lesson 2-3 Use and Disclosure of Information — Unit 3: Lesson 3-1 Information Security Threats and Countermeasures	First Test, Second Test, Third Test, Classroom Assessment, Homework Assignment
Week 3	Unit 3: Information Security (threats & countermeasures, authentication, social engineering, encryption) — Unit 6: Lesson 6-1 Analog and Digital, Lesson 6-2 Binary System and Amount of Data	First Test, Second Test, Third Test, Classroom Assessment, Homework Assignment
Week 4	Unit 6 (Information Design): Lesson 6-3 Hexadecimal System, Lesson 6-4 Digital Representation of Characters	First Test, Second Test, Third Test, Classroom Assessment, Homework Assignment

Questions are taken from the official weekly assessments of the Ministry of Education (Educational Computer Material Development Department), re-formatted for Sayed Afandy Academy. The answer key is at the end of the file.

First Test

Week 1

Programming and Artificial Intelligence — First Secondary Grade — First Term 2026/2027

Unit 1: Lesson 1-1 Information and Media, Lesson 1-2 Information Ethics — Unit 2: Lesson 2-1 Personal Information

Student name:

Class:

Mark:

First: Put (✓) in front of the correct statement and (×) in front of the wrong one

1. Data are raw facts represented by numbers, letters, or symbols. ()
2. One of the characteristics of information is that it disappears completely after it is propagated on the Internet. ()
3. Secondary information is obtained from a third party such as books and newspapers. ()

Second: Choose the correct answer

1. Which of the following represents "information"?

A) Raw facts

B) Something that holds meaning or value to the recipient

C) Unintelligible symbols

D) Just numbers

2. Knowledge means:

A) Copying information

B) Analyzing and systematizing information to solve problems

C) Raw data

D) Rumors

3. Which of the following is considered a source of primary information?

A) A textbook

B) A personal experience report

C) A daily newspaper

D) A television program

Second Test

Week 1

Programming and Artificial Intelligence — First Secondary Grade — First Term 2026/2027

Unit 1: Lesson 1-1 Information and Media, Lesson 1-2 Information Ethics — Unit 2: Lesson 2-1 Personal Information

Student name:

Class:

Mark:

First: Put (✓) in front of the correct statement and (×) in front of the wrong one

1. Examples of expression media include: texts, images, and videos. ()
2. Media literacy means the ability to accurately interpret information obtained from the media. ()
3. Information ethics includes respecting copyright and privacy. ()

Second: Choose the correct answer

1. Propagation / transmission media include:
2. Which of the following is an infringement of information ethics?
3. Which of the following is considered identity theft?

Third Test

Week 1

Programming and Artificial Intelligence — First Secondary Grade — First Term 2026/2027

Unit 1: Lesson 1-1 Information and Media, Lesson 1-2 Information Ethics — Unit 2: Lesson 2-1 Personal Information

Student name:

Class:

Mark:

First: Put (✓) in front of the correct statement and (×) in front of the wrong one

1. Internet addiction and using the smartphone while walking are problems associated with smartphones. ()
2. Special care–required personal information includes race, religion, and medical history. ()
3. The privacy policy in companies aims to clarify how customer data is collected and protected. ()

Second: Choose the correct answer

1. Which of the following is considered one of the basic items?

A) National ID number

B) Iris scan

C) Date of birth

D) Health status

2. Which of the following rights protects the economic interests of celebrities?

A) Right to privacy

B) Image rights

C) Publicity rights

D) Copyright

3. The license obtained by companies from the regulatory authority to ensure their compliance with data protection is called:

A) Objection System

B) Privacy Policy

C) Personal Data Protection Center License

D) Prior Approval System

First Test

Week 2

Programming and Artificial Intelligence — First Secondary Grade — First Term 2026/2027

Unit 2: Lesson 2-2 Intellectual Property Rights, Lesson 2-3 Use and Disclosure of Information — Unit 3: Lesson 3-1 Information Security Threats and Countermeasures

Student name:

Class:

Mark:

First: Answer the following questions

1. Explain why the registration principle is not required for copyright protection to take effect, unlike certain industrial property rights.
.....
.....
2. Compare copyrights and related (neighboring) rights, giving examples of each (such as singers and actors).
.....
.....
.....
3. Explain how the core elements of information security (Confidentiality, Integrity, Availability) work together to protect data.
.....
.....
.....
4. Clarify the nature and propagation mechanism of "Worm" malware across the Internet.
.....
.....
5. Discuss the legal steps required to protect a newly developed computer program and outline the resulting rights.
.....
.....
.....

Second: Put (✓) in front of the correct statement and (×) in front of the wrong one

1. Intellectual property rights are divided into industrial property rights and copyrights. ()

Third: Choose the correct answer

1. The legal protection period for patent rights is:

A) 7 years

B) 10 years

C) 20 years

D) 50 years