

وزارة التربية والتعليم



مركز القياس والتقويم التربوي
The Center for Educational Assessment and Measurement (CEAM)

امتحان دبلوم التعليم العام

لكلية الحرس السلطاني العماني التقنية (ثنائية اللغة)

الفصل الدراسي الأول - الدور الأول - للعام الدراسي ١٤٤٨/١٤٤٧ هـ - ٢٠٢٥ / ٢٠٢٦ م

تنبيه:
- المادة: دراسات الكمبيوتر.
- الأسئلة في (٧) صفحات.
- زمن الإجابة: ساعتان.
- الإجابة في الورقة نفسها.

تعليمات مهمة:

- يجب الحضور إلى قاعة الامتحان قبل عشر دقائق على الأقل من بدء زمن الامتحان.
- يجب إحضار أصل ما يثبت الهوية وإبرازها للعاملين بالامتحانات.
- يجب الالتزام بالزي (الدشداشة البيضاء والمصر أو الكمة للذكور) والزي المدرسي للطالبات ، ويستثنى من ذلك الدارسون من غير العمانيين بشرط الالتزام بالذوق العام، ويمنع على جميع المتقدمات ارتداء النقاب داخل المركز وقاعات الامتحان.
- يحظر على الممتحنين اصطحاب الهواتف النقالة وأجهزة النداء الآلي وآلات التصوير والحواسيب الشخصية والساعات الرقمية الذكية والآلات الحاسبة ذات الصفة التخزينية والمجلات والصحف والكتب الدراسية والدفاتر والمذكرات والحقائب اليدوية والآلات الحادة أو الأسلحة أياً كان نوعها وأي شيء له علاقة بالامتحان.
- يجب على الممتحن الامتثال لإجراءات التفتيش داخل المركز طوال أيام الامتحان.
- يجب على الممتحن التأكد من استلام دفتر امتحانه، مغلفاً بغلاف بلاستيكي شفاف وغير ممزق ، وهو مسؤول عنه حتى يسلمه لمراقبي اللجنة بعد الانتهاء من الإجابة.
- يجب الالتزام بضوابط إدارة امتحانات دبلوم التعليم العام وما في مستواه وأية مخالفة لهذه الضوابط تعرضك للتدابير والإجراءات والعقوبات المنصوص عليها بالقرار الوزاري رقم ٥٨٨ / ٢٠١٥.
- يقوم المتقدم بالإجابة عن أسئلة الامتحان المقالية بقلم الحبر (الأزرق أو الأسود).
- يقوم المتقدم بالإجابة عن أسئلة الاختيار من متعدد بتظليل الشكل (▭) وفق النموذج الآتي:

س – عاصمة سلطنة عمان هي:

▭ القاهرة ▭ الدوحة

■ مسقط ▭ أبوظبي

ملاحظة: يتم تظليل الشكل (■) باستخدام القلم الرصاص وعند الخطأ، امسح بعناية لإجراء التغيير.

صحيح ■ **غير صحيح** ▭ ◉ ◔ ☒ ☑

مُسَوَّدَة، لا يتم تصحيحها

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Question One: (Items 1 – 6) (6 Marks)

Shade in the bubble (⬭) next to the correct answer for each of the following items.

1. Which of the following best describes the role of utility software?

- ⬭ Create and edit multimedia
- ⬭ Install new programs automatically
- ⬭ Communicate with users and computers
- ⬭ Manage and maintain computer resources

2. The result 10011 can be obtained by performing the following operation:

- ⬭ 1110 + 0011
- ⬭ 1101 + 0110
- ⬭ 1100 + 1000
- ⬭ 1010 + 1011

3. Which of the following is a clear sign that a website used in a phishing attack is fake?

- ⬭ It loads very quickly
- ⬭ It asks for a username and password
- ⬭ Links such as "contact us" do not work
- ⬭ The site design looks like a popular website

4. An IT manager notices that hackers are repeatedly attempting to access the company's network. Which tool would be most effective in blocking this unauthorized traffic?

- ⬭ Firewall
- ⬭ Digital certificate
- ⬭ Antivirus software
- ⬭ Two-factor authentication

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Question One Continued

5. What is the main feature of the Von Neumann architecture compared to earlier computers?

- ⬭ Separation of programs from data
- ⬭ Executing instructions randomly without order
- ⬭ Using more than one CPU in the same computer
- ⬭ The ability to store and execute programs from memory

6. The component that is used to store frequently used data and instructions that need to be accessed more quickly is:

- ⬭ RAM
- ⬭ Cache Memory
- ⬭ Secondary Storage
- ⬭ Hard Disk Drive (HDD)

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Question Two: (Items 7 - 15) (24 Marks)

Answer ALL questions in the space provided.

7. List TWO basic features of the motherboard.

- _____
- _____

[1]

8. Compare between Primary Memory and Secondary Memory in terms of:

Aspect	Primary Memory	Secondary Memory
Speed	_____	_____
Accessibility of data by processor	_____	_____

[2]

9. Identify the number system used to represent each of the following values:

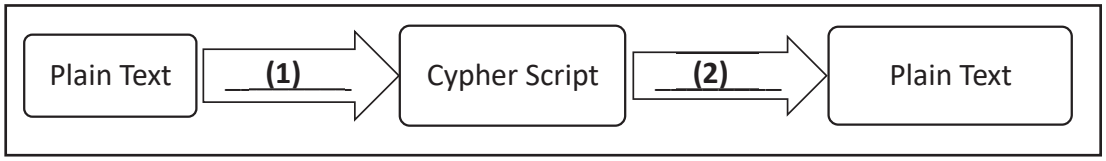
a. 0C436 : _____ [1]

b. 87306 : _____ [1]

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Question Two Continued

10. The diagram below shows one method of protecting the security of data.



a. Name process **1** and **2**.

(1) _____

(2) _____

[2]

b. A company transfers customers' personal information over the internet without using process (1). Discuss the importance of process (1) in this situation and what could happen if it is not applied.

The importance: _____

The risk: _____

[2]

11. Data stored on computers or smartphones or sent across networks can face many security risks. Study the following situations and answer the questions in the table below:

Situation	Identify the security risk	Suggest one method of protection
Ali receives a text message saying he has won a prize and must click a link to claim it.	_____	_____ _____ _____
Sara logs onto an online shopping website and it redirects her to another website.	_____	_____ _____ _____

[3]

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Question Two Continued

12. Based on your study of the components of the Central Processing Unit (CPU), identify the part that performs the following tasks:

Task	CPU Part
a. Interprets the instructions fetched from memory.	_____ [1]
b. Executes logical operations such as (AND) and (OR).	_____ [1]

13. State the purpose of the following CPU registers:

a. Accumulator (ACC)

_____

_____ [1]

b. Current Instruction Register (CIR)

_____

_____ [1]

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Question Two Continued

14. A cloud server displays its available storage space in hexadecimal as **7B**. Find the following:

- The value of the cloud server space in binary form.
- The remaining storage space on the cloud server after a file of size **10110** is added.
- The new value of the cloud server space in hexadecimal form.

[4]

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Question Two Continued

15. A mechanical student is asked to design a program that calculates and displays the speed of a toy car by dividing the distance traveled by the time taken.
The student wrote the following algorithm with some mistakes:

```
Start
1.  Input distance (D) and time (T)
2.  Display Distance
End
```

- Analyse the above algorithm then rewrite the correct algorithm that can calculate and display the speed.
- Draw a flowchart for the corrected algorithm, clearly showing all the required steps and symbols.

[4]

[End of Examination]

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Marking Guide of
General Education Diploma
The Royal Guard of Oman Technical College
First Semester – First Session
2025/2026
Subject: Computer Studies

Note: There are 7 pages in this guide

First: Answers for the Multiple-Choice Items (6 Marks):

Item N.	Answer	Mark	Page Reference	Assessment Objective
1	Manage and maintain computer resources	1	10	AO1
2	1101+0110	1	17-20	AO2
3	Links such as "contact us" do not work	1	29	AO1
4	Firewall	1	34	AO2
5	The ability to store and execute programs from memory	1	42	AO1
6	Cache Memory	1	48	AO1

Second: Answers for the Extended Response Items (24 Marks):

General Notes

- There may be different ways of answering questions, but a basic requirement for all answers is that they are RELEVANT.
- If the answer is clearly not relevant, and the student has clearly made no attempt to answer the question that was set, NO marks should be awarded. However, if the student has genuinely attempted the answer, but his answer is only partly relevant, then a reduced mark (not zero) should be awarded.

<table>
<tr><th>Item N.</th><th>Correct Answer</th><th>Mark</th><th>Page Reference</th><th>Assessment Objective</th></tr>
<tr><td>7</td><td>a. It allocates power.
b. It allows communication to the CPU, RAM, and all other hardware components.
c. It contains several sockets and slots used to connect other components.
Any two of these answers are acceptable, and each answer is worth 0.5 mark (0.5 x 2 = 1 mark)</td><td>1</td><td>6</td><td>AO1</td></tr>
<tr><td>8</td><td><table><tr><th>Aspect</th><th>Primary Memory</th><th>Secondary Memory</th></tr><tr><td>Speed</td><td><u>Fast / Faster</u> compared to secondary memory</td><td><u>Slow / Slower</u> compared to primary memory</td></tr><tr><td>Accessibility of data by processor</td><td>Data can be <u>accessed immediately</u> by the processing unit</td><td>Data <u>cannot be accessed directly</u> by the processor</td></tr></table>Each correct answer in a cell is worth 0.5 mark. The total score will be (0.5 x 4 = 2 marks)</td><td>2</td><td>7+8</td><td>AO1</td></tr>
<tr><td>9</td><td>a. Hexadecimal number.
b. Decimal or Denary number.
Each answer is worth 1mark (1 x 2 = 2 marks)</td><td>2</td><td>14+15</td><td>AO1</td></tr>
</table>

<table>
<tr><th>Item N.</th><th>Correct Answer</th><th>Mark</th><th>Page Reference</th><th>Assessment Objective</th></tr>
<tr><td>10.a</td><td>(1) Encryption
(2) Decryption.

Each correct answer is worth 1 mark (1 x 2 = 2 marks)</td><td>2</td><td>33</td><td>AO1</td></tr>
<tr><td>10.b</td><td>The importance: Process (1) or encryption prevents data from being hacked by converting it into a meaningless form.
The risk: personal information could be hacked or accessed illegally.
1 mark for discussing the importance and 1 mark for the risk
(1 x 2 = 2 marks)
Any answer with the same meaning will be accepted as correct.</td><td>2</td><td>33</td><td>AO3</td></tr>
<tr><td>11</td><td>
<table>
<tr><th>Situation</th><th>Identify the security risk</th><th>Suggest one method of protection</th></tr>
<tr><td>Ali receives a text message saying he has won a prize and must click a link to claim it.</td><td>Smishing

(SMS phishing).</td><td>He shouldn't click it and should delete the message. It is dangerous because the link could steal Ali’s personal data or install malware.</td></tr>
<tr><td>Sara logs onto an online shopping website and it redirects her to another website.</td><td>Pharming</td><td><u>Anyone of the protection methods:</u>
- Use anti-spyware software.
- Check for https:// in URLs.
- Look for the padlock symbol in the browser.
- Stay alert and cautious when visiting websites.</td></tr>
</table>
Identifying each risk is worth 0.5 mark (0.5x 2 = 1 mark)

The suggestion method of protection for each situation is worth 1 mark (1 x 2 = 2 marks)

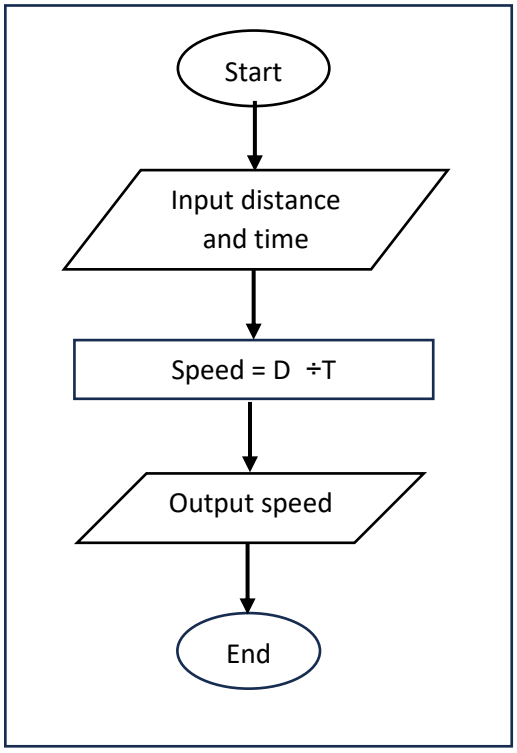
Any answer with the same meaning will be accepted as correct.</td><td>3</td><td>29
+
32</td><td>AO2
+
AO3</td></tr>
</table>

Item N.	Correct Answer	Mark	Page Reference	Assessment Objective
12	a. Control Unit (CU) b. Arithmetic and Logic Unit (ALU) Each correct answer is worth 1 mark (**1 x 2 = 2 marks)**	2	43	AO1
13	a. **Accumulator (ACC):** this register is used when carrying out ALU calculations; it stores data temporarily during the calculations. b. **Current instruction registers (CIR):** this register stores the current instruction being decoded and executed. Each correct answer is worth 1 mark. The total score will be (**1 x 2 = 2 marks)** Any answer with the same meaning will be accepted as correct.	2	44	AO1



Item N.	Correct Answer	Mark	Page Reference	Assessment Objective
14	**Step1:** Convert 7B into binary: 7 = 0111 B= 1011 (since B = 11) So 7B = 01111011 **Step2:** borrow 0 1 **0 1 1 1 1 0 1 1** **0 0 0 1 0 1 1 0** – **0 1 1 0 0 1 0 1** **Step3:** 0110 =6 0101 = 5 Result in hexadecimal = 65 **Marking guide:**	4	14 - 20	AO2

Mark	2	1	0.5	0
Step1: hexadecimal to binary	-	Conversion is completely correct	Conversion is partially correct	Conversion is incorrect or no attempt
Step2: Subtraction in binary	Subtraction in binary is completely correct	Subtraction is mostly correct with minor error	Subtraction attempted, shows partial understanding but with major errors.	Subtraction is incorrect or not attempted
Step3: converting binary to hexadecimal	-	Conversion is completely correct	Conversion is partially correct	Conversion is incorrect or no attempt

Item N.	Correct Answer	Mark	Page Reference	Assessment Objective
15	**Step1: Rewriting the algorithm** Start 1. Input distance (D) and time (T) 2. Calculate speed = D ÷ T 3. Display speed End **Step2: Drawing the flowchart**  **Marking guide:** **Mark** | **2** | **1** | **0** **Step1: Rewrite Algorithm** | Correctly identifies mistakes and rewrites the algorithm including calculating speed and correct output | Partially correct (for example, writes formula but misses output or writes output but misses formula) | Incorrect or unchanged **Step2: Flowchart** | Flowchart complete with correct symbols, correct calculation, and sequence. | Flowchart is mostly correct but with minor errors in symbols or sequence. | No attempt or incorrect	4	53-58	AO3 + AO2

[The End of the Marking Guide]

وزارة التعليم

امتحان دبلوم التعليم العام

لكلية الحرس السلطاني العماني التقنية (ثنائية اللغة)

الفصل الدراسي الأول - الدور الثاني - للعام الدراسي ١٤٤٨/١٤٤٧ هـ - ٢٠٢٥ / ٢٠٢٦ م

تنبيه:
- المادة: دراسات الكمبيوتر.
- الأسئلة في (٨) صفحات.
- زمن الإجابة: ساعتان.
- الإجابة في الورقة نفسها.

تعليمات مهمة:

- يجب الحضور إلى قاعة الامتحان قبل عشر دقائق على الأقل من بدء زمن الامتحان.
- يجب إحضار أصل ما يثبت الهوية وإبرازها للعاملين بالامتحانات.
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- يجب على الممتحن التأكد من استلام دفتر امتحانه، مغلفاً بغلاف بلاستيكي شفاف وغير ممزق ، وهو مسؤول عنه حتى يسلمه لمراقبي اللجنة بعد الانتهاء من الإجابة.
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- يقوم المتقدم بالإجابة عن أسئلة الامتحان المقالية بقلم الحبر (الأزرق أو الأسود).
- يقوم المتقدم بالإجابة عن أسئلة الاختيار من متعدد بتظليل الشكل (▭) وفق النموذج الآتي:

س - عاصمة سلطنة عمان هي:

▭ القاهرة ▭ الدوحة

▬ مسقط ▭ أبوظبي

ملاحظة: يتم تظليل الشكل (▬) باستخدام القلم الرصاص وعند الخطأ، امسح بعناية لإجراء التغيير.

صحيح ▬ **غير صحيح** ▭ ◉ ◒ ☒ ☑

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Question One: (Items 1 – 6) (6 marks)

Shade in the bubble (⬭) next to the **correct** answer for each of the following items.

1. Which of the following statements correctly describes RAM?

- ⬭ It can only be read but not written to
- ⬭ It is used as a cache memory for the processor
- ⬭ It is located on external storage devices such as hard drives
- ⬭ It is a volatile memory that allows both reading and writing of data

2. A smartwatch records the distance covered while running in binary. In the morning, the reading is 1011 and, in the evening, the reading is 0110. The total distance recorded is:

- ⬭ 10011
- ⬭ 10001
- ⬭ 11101
- ⬭ 10100

3. Which of the following tricks the users by using a voicemail message to obtain their personal details?

- ⬭ Vishing
- ⬭ Hacking
- ⬭ Smishing
- ⬭ Pharming

4. A student wants to create a strong password from the phrase "Summer holidays in 2025 are fun". Which password is the strongest?

- ⬭ Holidaysarefun
- ⬭ Summer2025
- ⬭ Sh!f@2025
- ⬭ sH2025fun

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Question One Continued:

5. Which of the following is a function of the Control Unit (CU)?

- ☐ Stores frequently used data
- ☐ Stores permanent instructions
- ☐ Executes arithmetic calculations
- ☐ Reads instructions, sends control signals

6. Which bus carries data in both directions between CPU, memory, and I/O devices?

- ☐ Data bus
- ☐ System bus
- ☐ Control bus
- ☐ Address bus

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Question Two: (Items 7 – 17) (24 Marks)

Answer ALL questions in the space provided.

7. There are many types of secondary storage like USB drives, Optical drives and Mass storage devices.

a. Mention one feature of a USB drive.

_____ [1]

b. Provide one example of an optical storage drive.

_____ [1]

8. State one main function of utility software.

_____ [1]

9. Compare between hexadecimal and binary in terms of: base and digits.

Number system	Base	Digits
Binary	_____	_____
Hexadecimal	_____	_____

[2]

10. In brief, explain the term "pharming".

_____

_____ [1]

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Question Two Continued:

11. How does encryption protect data.

_____

_____ [1]

12. A user downloads free software, and afterwards his computer becomes slow, and his files are corrupted. This can be explained as a virus data threat.

Discuss two methods the user could use to protect his computer.

- _____
- _____

[2]

13. Data stored on computers or smartphones or sent across networks can face many security risks. Study the following situations and answer the questions in the table below:

Situation	Identify the security risk	Suggest one method of protection
A manager tries to log into what appears to be the official bank's website, but a hidden script redirects him to a fake site designed to steal credentials.	_____	_____ _____ _____
A customer receives a text message claiming his debit card has been "locked" and instructing him to click a link to unlock it.	_____	_____ _____ _____

[3]

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Question Two Continued:

14. What is the importance of each of the following in the operation of the CPU:

a. Control Bus.

_____

_____ [1]

b. Program Counter.

_____

_____ [1]

15. What is the **role** of cache memory and what is the **relation** between it and a computer's performance?

_____

_____

_____ [2]

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Question Two Continued:

16. A computer system allocates **110110** units of memory for running programs, and a group of programs used **1101** units. Find the amount of **remaining unused memory**, first in binary, and then convert the result to decimal.
(Clearly show all the solution steps)

[4]

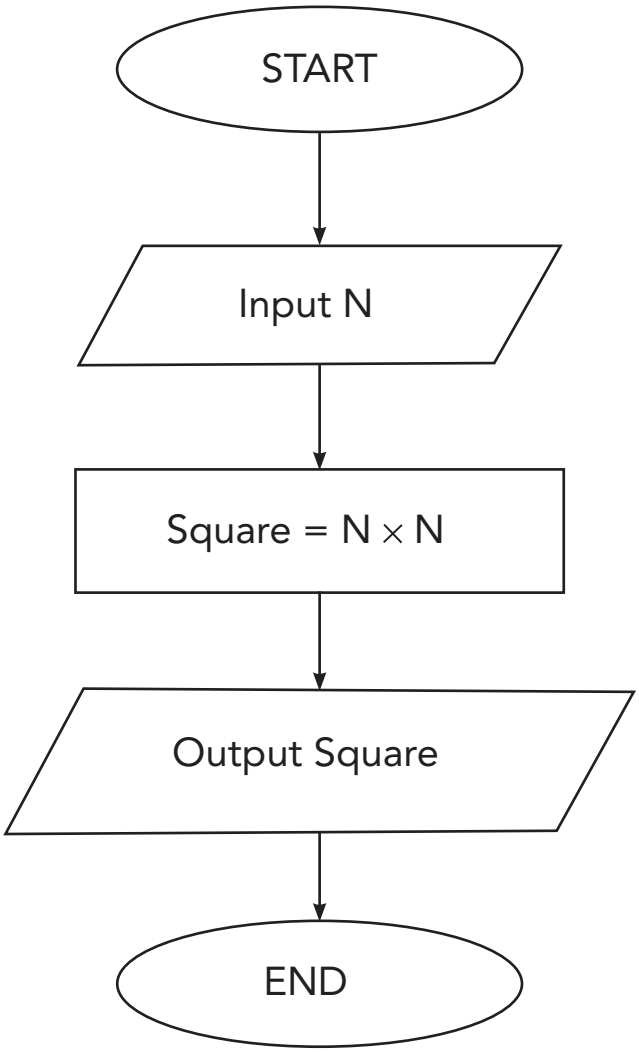
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Question Two Continued:

17. After studying the attached flowchart:



- Convert the flowchart into a written algorithm that shows the steps.
- Modify the flowchart so that the program checks whether the number N is greater than 0 or less than 0. And then displays the appropriate message:
  - If the number is greater than 0, display "The number is positive".
  - Otherwise, display "The number is negative".

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Question Two Continued:

[4]

[End of Examination]

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وزارة التعليم

Marking Guide of
General Education Diploma
The Royal Guard of Oman Technical College
First Semester – Second Session
2025/2026
Subject: Computer Studies

Note: There are 8 pages in this guide

First: Answers for the Multiple-Choice Items (6 Marks):

Item N.	Answer	Mark	Page Reference	Assessment Objective
1	It is a volatile memory that allows both reading and writing of data	1	7	AO1
2	10001	1	17	AO2
3	Vishing	1	29	AO1
4	Sh!f@2025	1	36	AO2
5	Reads instructions, sends control signals.	1	43	AO1
6	Data bus	1	45	AO1

Second: Answers for the Extended Response Items (24 Marks):

General Notes

- There may be different ways of answering questions, but a basic requirement for all answers is that they are RELEVANT.
- If the answer is clearly not relevant, and the student has clearly made no attempt to answer the question that was set, NO marks should be awarded. However, if the student has genuinely attempted the answer, but his answer is only partly relevant, then a reduced mark (not zero) should be awarded.

وزارة التعليم
المديرية العامة للتقويم التربوي
دائرة إدارة الامتحانات والاختبارات

<table>
<tr><th>Item N.</th><th>Correct Answer</th><th>Mark</th><th>Page Reference</th><th>Assessment Objective</th></tr>
<tr><td>7.a</td><td>Any one of these features:

• Removable
• Rewritable
• very small in size</td><td>1</td><td>7</td><td>AO1</td></tr>
<tr><td>7.b</td><td>Any example of an optical storage drive:
• CD
• DVD
• Blue-Ray</td><td>1</td><td>7</td><td>AO1</td></tr>
<tr><td>8</td><td>To manage, maintain and control computer resources.

Any answer with the same meaning will be accepted as correct.</td><td>1</td><td>10</td><td>AO1</td></tr>
<tr><td>9</td><td><table><tr><th>Number system</th><th>Base</th><th>Digit</th></tr><tr><td>Binary</td><td>2</td><td>0,1</td></tr><tr><td>Hexadecimal</td><td>16</td><td>0-9 & A-F</td></tr></table>
Each correct answer in a cell is worth 0.5 mark. The total score will be (0.5 x 4 = 2 marks)</td><td>2</td><td>15</td><td>AO1</td></tr>
<tr><td>10</td><td>Pharming is a cyber-attack that redirects users to a fake website that looks genuine, even if they enter the correct web address.

Any answer with the same meaning will be accepted as correct.</td><td>1</td><td>29</td><td>AO1</td></tr>
<tr><td>11</td><td>Encryption protects data by converting it into unreadable form (ciphertext), which can only be understood with a decryption key.

Any answer with the same meaning will be accepted as correct.</td><td>1</td><td>33</td><td>AO1</td></tr>
<tr><td>12</td><td>a. antivirus/anti-spyware software
b. avoiding untrusted downloads

Each correct answer is worth 1 mark
(1 x 2 = 2 marks)</td><td>2</td><td>30</td><td>AO2</td></tr>
</table>

<table>
<tr><th>Item N.</th><th>Correct Answer</th><th>Mark</th><th>Page Reference</th><th>Assessment Objective</th></tr>
<tr><td>13</td><td>
<table>
<tr><th>Situation</th><th>Identify the security risk</th><th>Suggest one method of protection</th></tr>
<tr><td>A manager tries to log into what appears to be the official bank's website, but a hidden script redirects him to a fake site designed to steal credentials.</td><td>Pharming</td><td>Anyone of the protection methods:

- Use anti-spyware software.
- Check for https:// in URLs.
- Look for the padlock symbol in the browser.
- Stay alert and cautious when visiting websites.</td></tr>
<tr><td>A customer receives a text message claiming his debit card has been "locked" and instructing him to click a link to unlock it.</td><td>Smishing</td><td>Anyone of the protection methods:

- Do not click on links in suspicious texts.
- Use spam filters.
- Verify the sender before responding.
- Report smishing attempts to your provider.</td></tr>
</table>

Identifying each risk is worth 0.5 mark (0.5x 2 = 1 mark)

The suggestion method of protection for each situation is worth 1 mark (1 x 2 = 2 marks)

Any answer with the same meaning will be accepted as correct.</td><td>3</td><td>29</td><td>AO2 + AO3</td></tr>
</table>

Item N.	Correct Answer	Mark	Page Reference	Assessment Objective
14.a	Control Bus: Carries signals from the control unit (CU) to all the other computer components Any answer with the same meaning will be accepted as correct	1	46	AO1
14.b	Program Counter (PC): Stores the address where the next instruction to be read can be found. Any answer with the same meaning will be accepted as correct.	1	44	AO1
15	- Cache memory is fast memory inside the CPU that stores frequently used instructions and data. - It is important in improving performance compared to RAM. **1 mark** for correct role and **1mark** for explaining the reason. **(1 x 2 = 2 marks)**	2	48	AO1

<table>
<tr><th>Item N.</th><th>Correct Answer</th><th>Mark</th><th>Page Reference</th><th>Assessment Objective</th></tr>
<tr><td>16</td><td>

Step1:

borrow 0 1 0 1
1 1 0 1 1 0
-
0 0 1 1 0 1
1 0 1 0 0 1

Step2:

Convert (101001) to decimal:

1	0	1	0	0	1
2^5	2^4	2^3	2^2	2^1	2^0
32	0	8	0	0	1

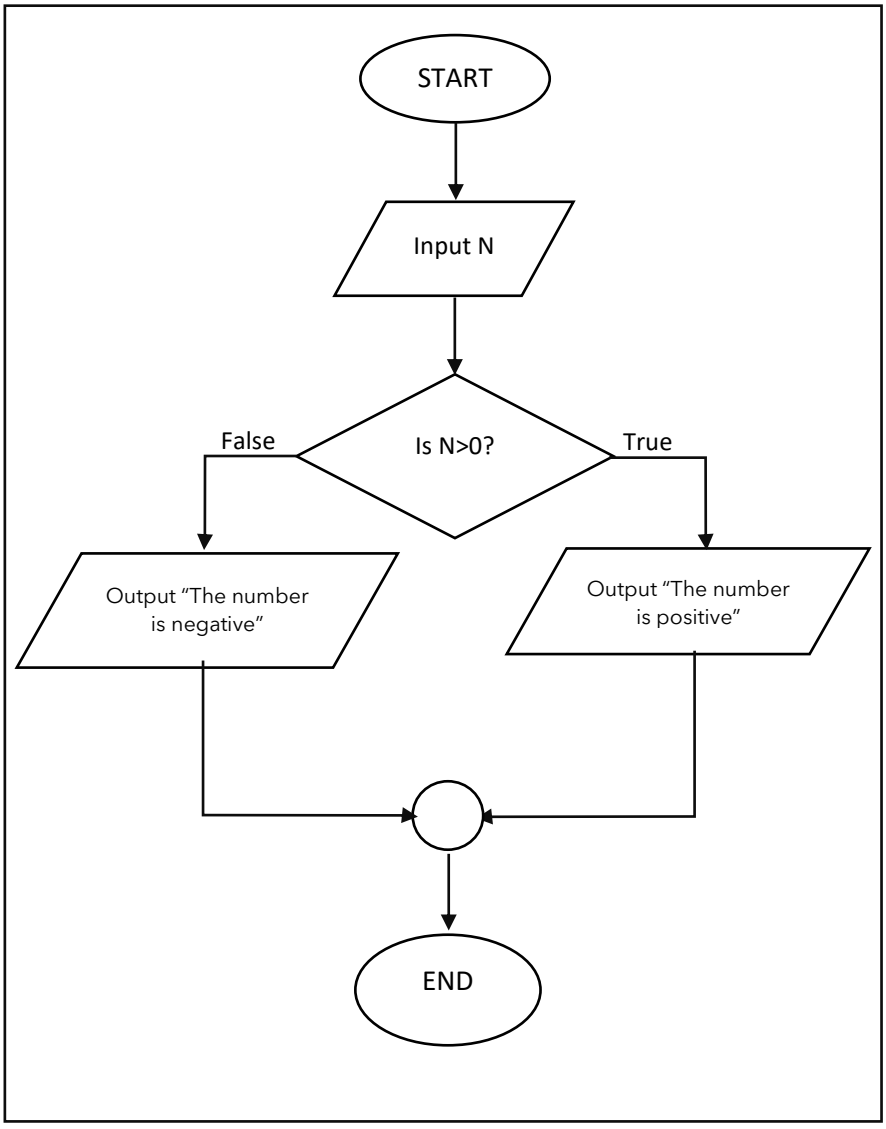
1+8+32=41

Marking guide:

Any other method that follows the right steps is accepted.

Mark	2	1	0
Step1: Binary Subtraction 110110-1101	Correct subtraction result	Minor mistake but shows partially correct subtraction steps	No attempt or completely incorrect
Step2: Conversion to decimal	Correct conversion	Minor mistake but shows correct conversion steps	No attempt or completely incorrect

</td><td>4</td><td>20-22 + 14</td><td>AO2</td></tr>
</table>

Item N.	Correct Answer	Mark	Page Reference	Assessment Objective
17	**The algorithm:** START 1. Input: read the value of the number (N). 2. Process: Calculate the square of the number: Square=N x N 3. Output: Display the result Square END **The flowchart:**  	4	52-58	AO2 + AO3

Marking guide:

Mark	2	1	0
Step1: write Algorithm	Correct algorithm with all steps in the right order	Partially correct algorithm (minor errors or missing step)	Incorrect or no attempt
Step2: Flowchart	Correct flowchart with appropriate symbols and sequence	Flowchart mostly correct but with minor errors in symbols or sequence.	No attempt or incorrect

[The End of the Marking Guide]