

USE OF ENGLISH (40 points)

1. TEAMS AND DEVELOPMENT. Mark TRUE or FALSE (5 points)

| | TRUE | FALSE |
|--|------|-------|
| A developer's responsibility is limited to writing code. | | X |
| An engineer is responsible for creating an overall vision for the software system. | X | |
| Analysts need to be able to think critically and creatively. | X | |
| Architects are responsible for identifying and resolving software defects. | | Х |
| Analysts are primarily responsible for writing code to create software solutions. | | X |

2. WEB AND 3D DESIGN. Explain with your own word these terms and/or translate into Spanish (5 points)

Responsive Design - A web design that adapts to different screen sizes.

User Interface (UI) - The layout and interactive elements that the user sees and interacts with.

- Prototype An early model of a product used for testing on and reciving feedback about something for using the generated information to make better decisions.
- Rendering The process of generating visual and multimedia content from a model that can be appreciated by all observers. We use this concept interchangeably when we talk about generating a final and executable version of some kind or multimedia format or type such as images, videos or any other.
- Animation The process of creating movement and shape-shifting working with graphical content.

3. FRAMEWORKS AND NETWORKS. Write the letter of the definition that fits the following words. (5 points)

Bandwidth: b Latency: c Protocol: d Switch: a Template: e

a) A device that connects multiple devices together on a network and directs traffic between them.

- b) The amount of data that can be transmitted over a network in a given amount of time.
- c) The amount of time it takes for data to travel from one point to another on a network.
- d) A set of rules and standards that govern how data is transmitted over a network.
- e) A pre-designed layout for displaying data, often used in web applications

4. Write the correct acronym (5 points):

"Create, Read, Update, Delete" \rightarrow CRUD "Application Programming Interface" \rightarrow API "Model, View, Controller" \rightarrow MVC "Object-Relational Mapping" \rightarrow ORM "Uniform Resource Locator" \rightarrow URL

5. ARTICLES. Write a / an / the / - (5 points):

She is <u>an</u> expert in cybersecurity and knows how to protect our data

She bought <u>a</u> new laptop with <u>a</u> 16-inch screen.

The code you wrote yesterday was excellent. I was impressed.

I need to buy <u>a</u> new keyboard because my old one is broken.

6. REPORTED SPEECH. Choose the correct option. Read all the options carefully, only one is correct. (3 points)

- 1. "Are you familiar with Agile methodology?" He asked... c)
 - a. if I am familiar with Agile methodology.
 - b. if was I familiar with Agile methodology.
 - c. if I was familiar with Agile methodology.
- 2. "Don't share your password with anyone," The cybersecurity expert told... b)
 - a. us to not share our password with anyone.
 - b. us not to share our password with anyone.
 - c. us that we didn't share our passwords with anyone.
- 3. "Have you finished the app development project?" She asked... c)
 - a. if I had been finished the app development project.
 - b. if I finished the app development project.
 - c. if I had finished the app development project.

| 3. REPORTING VERBS. Complete the sentences in reported speech. Pay attention to the reporting verb. (2 points) | |
|---|------|
| 1. "I promise to fix the bug" said the developer. | |
| The developer promised to fix the bug. | |
| 2. "I didn't know about the delays int the process" the project manager said. | |
| The project manager denied knowing about the delays in the process. | |
| 4. RELATIVE CLAUSES. Write the correct relative pronoun (WHO, WHICH, (5 points) |) |
| a) My friend, <u>who</u> works as a graphic designer, helped me with the design of website. | my |
| b) She's a developer <u>whose</u> apps have been downloaded millions of tirc) The operating system <u>whith</u> I use is very user-friendly. | nes |
| d) The coffee shop, <u>which</u> is located next to the office, has free Wi-Fi for customers. | |
| e) The time <u>when</u> the computer crashed was very stressful for everyone. | |
| 5. INTENSIFIERS. Choose the correct option (5 points): | |
| There were errors in the code. It was impossible to run the program. enough such a <u>too many</u> very | |
| The cybersecurity expert was knowledgeable about the latest threats and vulnerabilities. | |
| <u>very</u> so much enough | |
| The app development team worked hard that they finished the project ahead schedule. | d of |
| too much enough <u>so</u> | |

very

Your code is _____ complex for our users.

<u>too</u>

so many enough

I never realized that coding could be _____ frustrating. so such a enough very

READING (10 p x 2 = 20 p). Read the text and choose the correct answer.

Every time you're online, you are bombarded by pictures, articles, links and videos trying to tell their story. Unfortunately, not all of these stories are true. Sometimes they want you to click on another story or advertisement at their own site, other times they want to upset people for political reasons. These days it's so easy to share information. These stories circulate quickly, and the result is ... fake news.

There is a range of fake news: from crazy stories which people easily recognise to more subtle types of misinformation. Experts in media studies and online psychology have been examining the fake news phenomenon. Read these tips, and don't get fooled!

1. Check the source

Look at the website where the story comes from. Does it look real? Is the text well written? Fake news websites often use addresses that sound like real newspapers, but don't have many real stories about other topics. If you aren't sure, click on the 'About' page and look for a clear description of the organisation.

2. Watch out for fake photos

Many fake news stories use images that are Photoshopped or taken from other sites.

Sometimes, if you just look closely at an image, you can see if it has been changed. Or use Google Reverse Image search. It will show you if it has been used in other contexts.

3. Check the story is in other places

Look to see if the story you are reading is on news sites that you know and trust. If you do find it on many other sites, then it probably isn't fake (although there are exceptions): news organisations try to check their sources before they publish a story.

4. Look for other signs

There are other techniques that fake news uses. These include using ALL CAPS and lots of ads that pop up when you click on a link. Also, think about how the story makes you feel. If the news story makes you angry, it's probably designed to make you angry.

If you know these things about online news, and can apply them in your everyday life, then you have the control over what to read, what to believe and most importantly what to share. If you find a news story that you know is fake, don't share it!

Adapted from https://libguides.uwf.edu/c.php?g=60513&p=4274530

1. What is the best title for the text? (2 points)

- a) Experts share dangers of fake news
- b) Experts share top tips for resisting fake news
- c) How to create fake news: a guide
- d) Tips on how to read the news online

2. Which reason is NOT given for an online fake news story?

- a) To convince people of political view
- b) To make people angry or sad
- c) To plant a virus in your computer

3. The text says some fake news ...

<u>a) is easy to recognise as fake.</u> b) is funny. c)comes from the political right.

4. Which of these may mean that a news site should not be trusted?

- a) The text is well written.
- b) The site has a variety of other stories.
- c) The site's "About" page does not clearly describe the organization.

5. Some images on fake news...

- a) are real images, but come from a different website.
- b) are images that have been changed.
- c) both the above.

6. Fake news stories ...

- a) are usually only on fake news sites or social media,
- b) are not any websites, only in social media.

c) are often hidden on real news sites.

7. Many fake news stories are written ...

- a) without capital letters and with terrible spelling.
- b) in a way that makes people upset.
- c) inside of advertisements that pop up on your screen.

8. What should you do with fake news?

a) Report it to the police

during the interview.

10.

international language immersion programs.

- b) Make a note of it for reference
- c) Not show it to other people online

9. What is the purpose of this article?

a) To complain <u>b) To inform</u> c) To entertain

<u>LISTENING</u> (2 x 10 = 20 points) Listen to a sample interview, Then answer the questions and write TRUE (T) or FALSE (F). It is not necessary to correct the FALSE ones.

F 1. Henry graduated with a degree in International Business. 2. The position at Language Worldwide requires proficiency in at least two Т languages, including English. 3. Henry is fluent in English and French. F 4. The job advert specified that the candidate must be self-motivated and Т responsible. 5. Henry demonstrated responsibility by completing a major project ahead of F schedule and under budget in a previous job. 6. The interview includes talking about Henry's ability to handle multiple tasks Т simultaneously. 7. Henry is excited about the opportunity to work in an international environment. T 8. Henry asked about the team and types of projects he would be working on Τ

9. The role of project coordinator at Language Worldwide involves organizing

Kimberly promised Henry a job at the end of the interview.

Т

F

WRITING (10 Points) Write a cover letter for this job offer.

NextGen Innovations, a forward-thinking technology company, is seeking a talented Multiplatform App Developer to join our innovative team. In this role, you will be responsible for developing cutting-edge applications that run seamlessly across multiple platforms.

Responsibilities:

- ✓ Design and develop high-quality multiplatform applications.
- ✓ Collaborate with cross-functional teams to define, design, and ship new features.
- ✓ Maintain and improve existing applications for optimal performance.
- ✓ Troubleshoot and debug issues to ensure smooth functionality.
- ✓ Stay updated on emerging technologies and best practices in app development.

Requirements:

- ✓ Proficiency in Spanish and English, with the ability to communicate effectively.
- ✓ Knowledge of another language is desirable but not mandatory.
- ✓ Strong teamwork and collaboration skills.
- ✓ Availability for interviews and flexible scheduling.
- ✓ Having a driver's license and own vehicle is preferred but not required.
- ✓ Previous experience is not necessary but will be considered a plus.

If you're passionate about app development and meet the requirements mentioned above, please send your CV along with a cover letter detailing your experience, skills, and availability for an interview to john.smith@nextgeninnovations.com.

Make sure that you show what you learned in the course: use of tenses, vocabulary, structure of a cover letter, linkers, ... Pay attention to the rubric.

| | VOCABULARY | GRAMMAR | CONTENT | STRUCTURE | COHESION |
|----------|---|---|--------------------------|---|--|
| 4 points | Showing a wide range of technical vocabulary | Use of complex sentences | All points covered | Correct use of paragraphs and adequate format | Correct use of complex linkers |
| 2 points | Showing a wide range of general vocabulary | Use of basic structures with very few mistakes | Some points covered | Some mistakes in the structure | Uses basic linkers like "because" or "so" |
| 0 points | Spelling mistakes or use of very basic vocabulary | Grammar mistakes impede communication | The task is not answered | Text is not structured at all (e.g. lists) | No cohesion. |