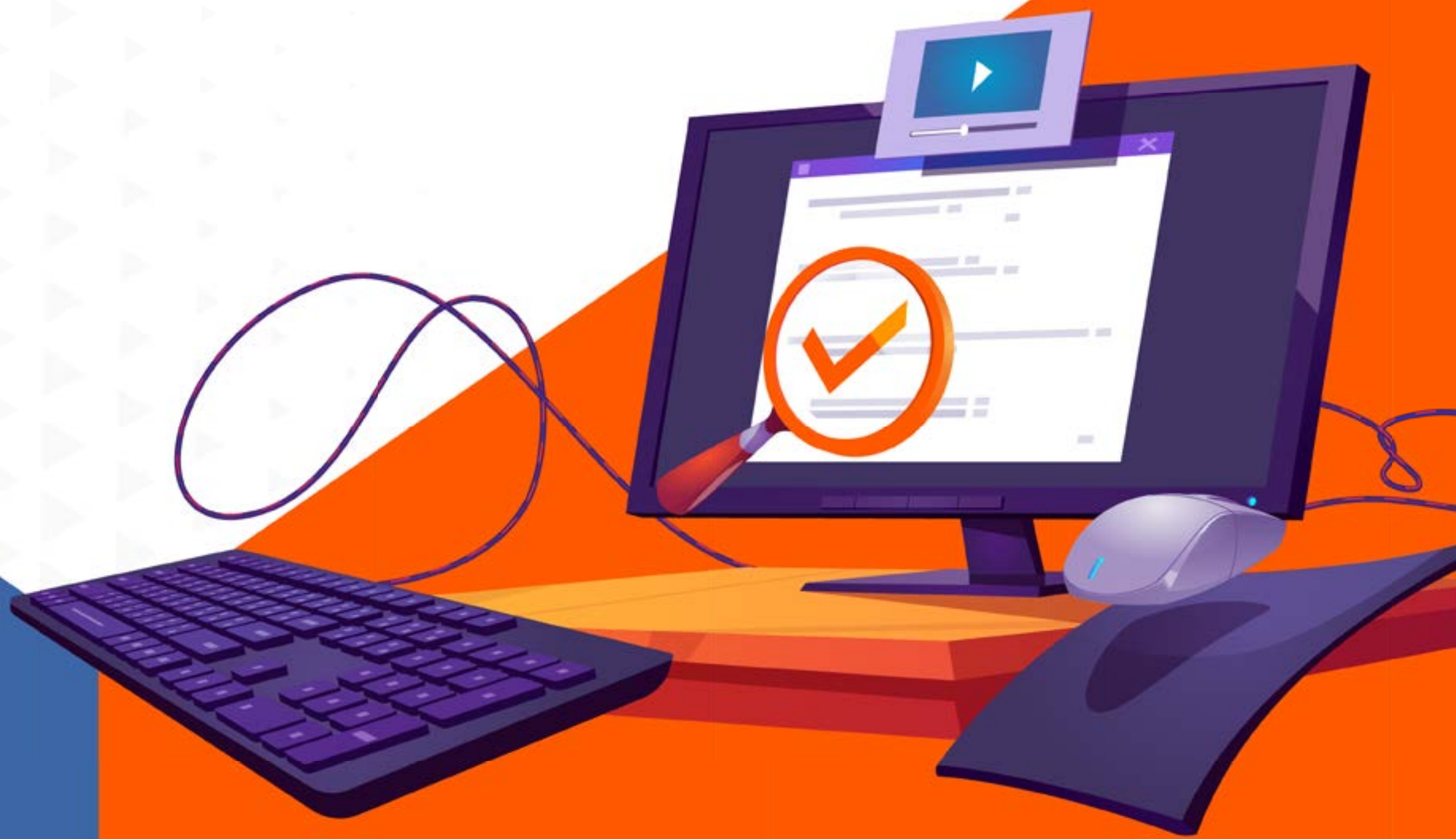


Study guide **EXAM**



Knowledge Profile

ANÁHUAC PUEBLA



A

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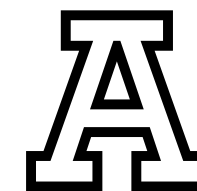


KP (Knowledge profile)

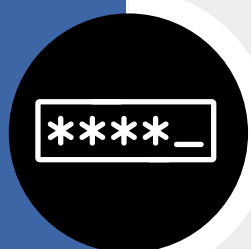
It is a high-quality, high-standard test that assures the mastery of knowledge needed for admission in Higher Education.

Since KP will be an important indicator in your college admissions process, you should take into consideration:





Indicators you should take into consideration:



It will be accessed through a link and using a personal username and password that will be assigned to you.



Excellent internet connection is required.



You will need a tablet, laptop, or desktop computer (do not use a cell phone or smart phone).



IOS or Android can be used.



Access to the exam is personal and only for a single exhibition.

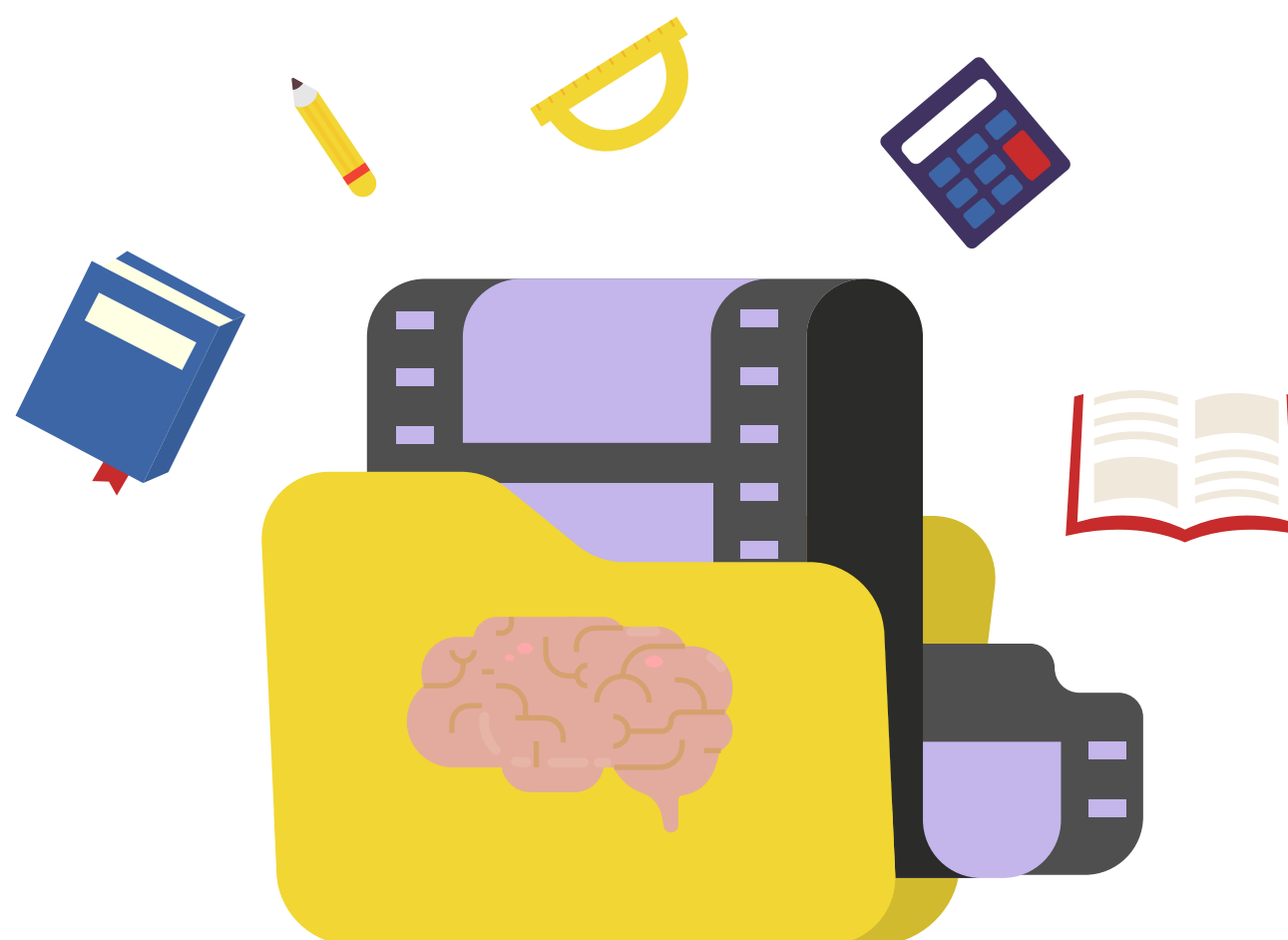


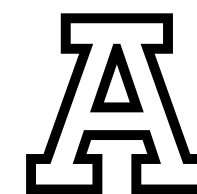
Suggestions

KP stands for **Knowledge Profile**.

If during your academic life you have been a good learner, it is then possible that you need only a review.

But if, on the other hand, you consider that your academic preparation was rather poor or not so satisfactory (due to internal or external causes), we recommend you take time to study the subjects suggested below and devote effort to relearn as this will benefit you, not only for KP, but also to start your university life better prepared.





In preparation for your KP exam

- Check the subjects listed below.
- Plan the number of hours you will need to spend reviewing or studying each subject.
- Work according to your plan using the guide below.





Before starting your KP exam

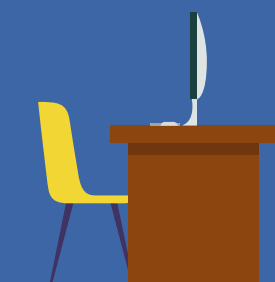
Make sure you have a good computer equipment and a good internet connection and clean your cookies and temporary files.



If you wear glasses, keep them handy.



Make sure you are in an appropriate place to take an exam: good light, silence, and no distracting elements.

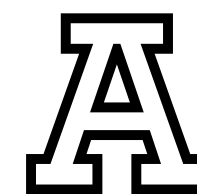


Turn off your cell phone and, preferably, do not carry it with you, it is a great distractor.



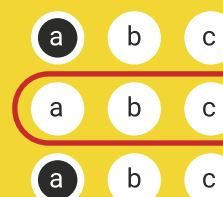
Have a calculator at hand, as well as paper and pencil.





While in the exam

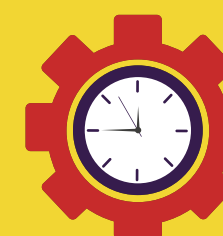
Do not leave questions unanswered.



Before finishing the section, if you have time to spare, go back and check your answers.



If you lack time, just try to answer faster in the next section.





Study Guide

Look at the subjects.

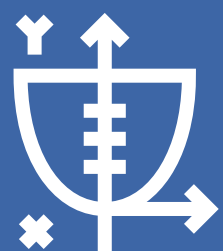
Mathematics

- Algebra
- Geometry
- Trigonometry
- Analytic Geometry
- Calculus
- Integral calculus
- Statistics
- Probability

Communication area

- Reading
- Writing
- Technology in relation to communication





Algebra elements

Use of variables and algebraic expressions

Links

<https://www.khanacademy.org/math/algebra-basics/alg-basics-algebraic-expressions>

<https://youtu.be/tHYis-DP0oU>

<https://youtu.be/vDaIKB19TvY>

<https://youtu.be/AJNDeVt9U0o>

Use of numbers and their properties.

Links

<https://www.khanacademy.org/kmap/numbers-and-operations-g/no220-properties-of-numbers-2>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Algebra elements

Basic concepts of algebraic language.

Links

<https://youtu.be/640-86yn2wM>

<https://www.khanacademy.org/math/algebra-basics/alg-basics-algebraic-expressions>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Geometry / Trigonometry / Analytic Geometry

**Fundamental concepts of space and form
“the geometric”.**

Links

<https://www.khanacademy.org/math/geometry-home>

**Analytic geometry as an algebraic method
for solving geometric tasks.
The system of various coordinate systems.**

Links

https://www.khanacademy.org/math/geometry/hs-geo-analytic-geometry/hs-geo-distance-and-midpoints/e/midpoint_formula

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Geometry / Trigonometry / Analytic Geometry

**Basic concepts of the rectangular coordinate system, orientation and position in the plane.
The role of the origin of coordinates in the reference systems.**

Links

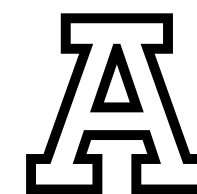
<https://youtu.be/VhNkWdLGpmA>

Recognition and construction of geometric places: line, circle, ellipse, parabola and hyperbola, circumference, ellipse, parabola and hyperbola.

Links

https://www.khanacademy.org/search?referrer=%2F&page_search_query=Recognition+and+construction+of+geometric+places%3A+line%2C+circle%2C+ellipse%2C+parabola+and+hyperbola%2C+circumference%2C+ellipse%2C+parabola+and+hyperbola.

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



$f(x)$ Calculus / Integral Calculus

Introduction to algebraic functions and elements of elementary transcendental functions.

Links

https://www.khanacademy.org/search?referrer=%2Fsearch&page_search_query=Introduction+to+algebraic+functions+and+elements+of+elementary+transcendental+functions.

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:functions/x2f8bb11595b61c86:evaluating-functions/v/what-is-a-function>

Approximation and calculation of the “area under the curve” by elementary methods (rectangle method and trapezoid methods).

Links

<https://www.khanacademy.org/math/ap-calculus-ab/ab-integration-new/ab-6-2/v/trapezoidal-approximation-of-area-under-curve>

<https://es.khanacademy.org/math/ap-calculus-ab/ab-integration-new/ab-6-2/a/left-and-right-riemann-sums>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



$f(x)$ Calculus / Integral Calculus

Antiderivative of elementary functions (algebraic and transcendental).

Links

<https://youtu.be/MMv-027KEqU>

<https://youtu.be/sPPjk4aXzmQ>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Statistics / Probability

Basic concepts of statistics and probability.

Links

<https://youtu.be/uzkc-qNVoOk>

<https://youtu.be/h8EYEJ32oQ8>

<https://www.youtube.com/watch?v=OfCH7aTIFXU>

Data collection and classification into classes.

Links

<https://youtu.be/gdE46YSedvE>

<https://youtu.be/k3aKKasOmlw>

<https://youtu.be/z-Qi4w6Xkuc>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Statistics / Probability

Treatment and meaning of the measures of Central Tendency.

Links

<https://youtu.be/h8EYEJ32oQ8>

<https://youtu.be/k3aKKasOmlw>

Use of counting and probability for events.

Links

https://youtu.be/B_vAlneziHo

<https://youtu.be/Zxvc6iPKdec>

https://youtu.be/3_otNr9kRuY

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Reading / Writing / Orality

The argumentative text.

Ligas

<https://www.twinkl.com.mx/teaching-wiki/argument-text>

<https://www.thoughtco.com/what-is-argumentation-1689133>

<https://www.vcestudyguides.com/blog/coherence-and-cohesion>

<https://journals.sagepub.com/doi/abs/10.1177/026009358303400301?journalCode=tbtd>

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



The text as a source of information and expression of new ideas.

Links

<https://concepto.de/texto/>

<https://concepto.de/conclusion/>

https://owl.purdue.edu/owl/general_writing/academic_writing/essay_writingargumentative_essays.html

<https://www.hiof.no/bibliotek/english/how-to-write-a-paper/text-structure/>

<https://concepto.de/texto-expositivo/>

<https://concepto.de/texto-persuasivo/#ixzz6oGFbnB2k>

https://awc.metu.edu.tr/system/files/pdfs/writing_a_critical_review.pdf

<https://concepto.de/investigacion-cientifica/>

Argumentative writing. Original argumentative writing.

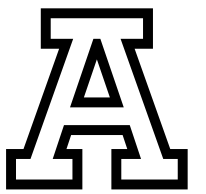
Ligas

<https://www.portaleducativo.net/septimo-basico/305/Ideas-principales-secundarias-resumen-subrayado-apuntes>

<https://concepto.de/conclusion/>

https://owl.purdue.edu/owl/general_writing/academic_writing/essay_writing/argumentative_essays.html

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*



Interpersonal communication / Technological communication

Collaborative work in the classroom as a basis for the integration of the learning community. Learning community.

Links

<https://www.avantel.co/blog/emprendimiento/que-es-el-trabajo-colaborativo-sus-caracteristicas-y-como-implementarlo/>

https://educacion.idoneos.com/dinamica_de_grupos/trabajo_cooperativo/

<https://the-happy-manager.com/article/what-is-teamwork/>

Responsible handling of information.

Links

https://en.wikipedia.org/wiki/Digital_identity

https://en.wikipedia.org/wiki/Digital_footprint

https://en.wikipedia.org/wiki/Digital_privacy

**Important note: if clicking on the link does not redirect you, copy and paste it directly into your browser.*

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Any questions you have before and during the exam, we are here to support you at

222 217 7444

**Coordinación de admisiones
y Orientación Vocacional**

