

ONLINE QUIZ LEAGUE **INTERNATIONAL CULTURE** **CHALLENGE**

SEASON NINE **WEEK FIVE QUESTIONS**

QUESTIONS BEGIN ON THE NEXT PAGE

Tie-break questions are found after the main quiz
Ties for first only need to be broken

Spares are found after the tie-break questions

Please check with the players that they are expecting the
International Culture Challenge questions to ensure you are
reading the correct set for your match.

ROUND ONE

PLAYER ONE

QUESTION ONE

Which Persian poet wrote the *Haft Peykar* (*The Seven Beauties*) and *Eskandar-Nâme* (*The Book of Alexander*) as part of his *Khamsa*? The third poem in the *Khamsa* contains a popular telling of the story of Leyla and Majnun.

ANS: Nizami Ganjavi or Nezâmi

Mandarin: ní zhā mǐ

QUESTION TWO

While in Slavic, Baltic, and Uralic languages, some days of the week are named after numbers, in Greek, Latin, and most Romance and Germanic languages, they are named after planets, and ultimately, therefore, deities. Although named after Tiw or Týr in Germanic languages, Tuesday is instead named after **which Roman god** in Romance languages, such as French, Spanish, and Italian?

ANS: Mars

Mandarin: mǎ ěr sī

Romanian: Marte

QUESTION THREE

Loch Ness is not the only lake in the world home to a famous monster. **Which lake** in Turkey is supposedly home to a mosasaur-like monster that is often thought to have originated from an Armenian legend of a water dragon called the Vishap? If you are (un)lucky enough to miss the monster, you may see another of this lake's unusual sights; its namesake swimming cats, which have an atypical love of water.

ANS: Lake Van

Mandarin: fánhú

Polish: Wan

PLAYER TWO

QUESTION ONE

Not to be confused with a stolon (or runner), **what name** is given to a horizontal, typically subterranean, plant stem that sends out roots and shoots from its nodes? Rhubarb, lily of the valley, and many irises have this type of stem.

ANS: rhizome or creeping **rootstalk**

Danish: **rhizome**

Dutch: **wortelstok** or **rizoom**

German: **Rhizom** or **Wurzelstock**

Mandarin: **gēnjīng**

Norwegian: **jordstengel** or **rhizome**

Polish: **kłącze**

Romanian: **rizom**

Swedish: **jordstam**

QUESTION TWO

Which Indian economist and social thinker, best known for his work in welfare economics, wrote the 1981 book *Poverty and Famines* in which he argues that famines occur not only from a lack of food, but also because of inequalities in the distribution of food?

ANS: Amartya Sen

Mandarin: ānǎ dìyà · **sēn**

QUESTION THREE

According to tradition, Numa Pompilius appointed the first pair of women to serve in **what role**? Women appointed to this role were required to look after the sacred flame of their namesake Roman goddess.

ANS: Vestal Virgins or **Vestals** or **virgo vestalis** (prompt on Vesta)

Danish: **Vestalerne**

Dutch: **Vestalinnen** or **Vestaalse maagden**

French: **vestale**

Mandarin: **wéi sītǎ zhēnnǚ** or **hù huǒ zhēnnǚ**

German: **Vestalin**

Norwegian: **Vestalinnene**

Polish: **Westalka**

Romanian: **Virginele vestale**

Swedish: **Vestalerne**

PLAYER THREE

QUESTION ONE

Up, down, top, bottom, charm, and strange are the six ‘flavours’ of **which subatomic particles**?

ANS: quarks

Danish: **kvarker**

Mandarin: **kuākè**

Norwegian: **kvarker**

Polish: **kwark**

Swedish: **kvark**

QUESTION TWO

What stage of embryonic development involves a rearrangement of the cells of the blastula to form a layered embryo with a primitive gut? Most organisms are triploblastic, meaning that they organise into three germ layers, but some groups – such as Cnidaria [nih-DAIR-ee-uh] and Ctenophora [ten-OFF-or-uh] – are known as diploblastic, as they only form two.

ANS: gastrulation (accept **gastrula**)

Dutch: **gastrulatie**

Mandarin: **yuán cháng pèi xíngchéng**

Norwegian: **gastrulasjon**

Polish: **gastrulacj**

Romanian: **gastrulație**

QUESTION THREE

Who wrote the 1943 play *Leben des Galilei* (*The Life of Galileo*), which was believed to be inspired by the Moscow show trials of the late 1930s? An “American version” of the play, produced in 1947, in collaboration with Charles Laughton, coincided with this man’s subpoena and appearance before the House Un-American Activities Committee.

ANS: Bertolt Brecht

Mandarin: bèi tuōěrtè · **bù láixìtè**

PLAYER FOUR

QUESTION ONE

The War of the Austrian Succession was fought between 1740 and 1748 ostensibly over the right of **which woman** to succeed her father, Karl VI (Charles VI)?

ANS: Maria Theresa or Maria Theresia

Mandarin: mǎli yà · tè lěi xī yà

Romanian: Maria Terezia

QUESTION TWO

In electrical engineering, **what quantity**, usually represented as a complex number with real and imaginary parts and symbolised by Z, must be matched to maximise power transmission between two connected circuits?

ANS: electrical impedance

Danish: impedans

Dutch: impedantie

French: impédance

German: Impedanz

Mandarin: zǔkàng

Norwegian: impedans or vekselstrømsmotstand

Polish: impedancja

Romanian: impedanță

Swedish: impedans

QUESTION THREE

The *tagelmust* is an indigo-coloured garment – covering the lower part of the face – that has traditionally been worn by **which nomadic, pastoralist people** of Berber origin who inhabit the Sahara Desert in a vast area between southwestern Libya and northern Nigeria?

ANS: Tuareg or Twareg (or Kel Tamajeq or Imuhay, Imušay, Imašeyǎn, or Imajeyǎn)

Danish: also accept det blå folk

Dutch: Toeareg

German: also accept Targi or Targia

Mandarin: túā léigé rén

Polish: Tuaregowie

ROUND TWO

PLAYER ONE

QUESTION ONE

What word – the name of a meal – appears in the titles of Pierre-Auguste Renoir's painting *Le [BLANK] des canotiers* ([BLANK] of the Boating Party) and Édouard Manet's *Le [BLANK] sur l'herbe* ([BLANK] on the Grass)?

ANS: déjeuner or **luncheon** (accept **lunch**)

Danish: **frokost**

German: **Frühstück**

Mandarin: **wǔcān** or **wǔyàn**

Norwegian: **frokost**

Polish: **śniadanie**

Romanian: **prânzul**

Swedish: **frukost**

QUESTION TWO

The unique rhizome-dependent system of **which subfamily of evergreen perennial flowering plants** has allowed some species to become the largest of all members of the grass family (Poaceae), reaching lengths of 46 metres?

ANS: bamboo or **Bambusoideae**

Danish: **bambus**

Dutch: **bamboe**

French: **bambou**

German: **Bambus**

Mandarin: **zhúzi** or **zhú**

Norwegian: **bambus**

Polish: **bambus** or **bambusowe**

Romanian: **bambus**

Swedish: **bambu**

QUESTION THREE

In early gastrulation, some epiblast cells migrate towards the midline of the blastoderm and then move inwards. The resulting pile-up of cells creates **what thickened, longitudinal groove**, which establishes bilateral symmetry and initiates germ layer formation? This structure arose independently in birds and mammals and is equivalent to the amphibian blastopore.

ANS: primitive streak

Danish: **Primitivstreifen**

Dutch: **primitieve streep** or **stria primitiva**

French: **ligne primitive**

German: **Primitivstreifen**

Mandarin: **yuán xiàn** or **yuán tiáo**

Norwegian: **primitivfuren** or

primitivstrek

Polish: **smuga pierwotna**

Romanian: **linea primitiva** or **stria**

primitiva

Swedish: **primitivstrimma**

PLAYER TWO

QUESTION ONE

The Appalachian dulcimer, the Finnish kantele, central European cimbalom, and the Malagasy valiha are all examples of **what family of instruments**, that first appeared in China in the 5th century BCE? These are stringed instruments, often flat, that are distinguished from lutes by the absence of a neck, and from harps by the strings running along a resonating sound box.

ANS: zither

Danish: **citar**

Dutch: **citer** or **zither**achtige

French: **cithare**

Mandarin: **jì tè qín**

Norwegian: **siter** or **citer**

Polish: **cytra**

Romanian: **țiteră**

Swedish: **cittra**

QUESTION TWO

The second poem of the *Khamsa*, possibly written for Nizami's first wife, Afaq, tells of the romance between the Sasanian king, Khosrow II, and **which Christian princess**? Nizami's version of this story focuses on romance and makes this woman a more sympathetic character than previous depictions.

ANS: Shirin

French: **Chirine**

German: **Schirin**

Mandarin: **hé xílín**

Polish: **Szirin**

Romanian: **Șirin**

QUESTION THREE

In radio frequency (RF) engineering, impedance matching is important for maximising signal transmission. **What chart**, named after an American engineer, is used as a graphical calculator for solving transmission line and circuit matching problems?

ANS: Smith chart or Smith diagram (accept Mizuhashi chart, Mizuhashi-Smith chart, or Volpert-Smith chart)

Mandarin: **shǐmì** sītú

The word for 'chart' differs from language to language but the important words are the same in all European languages

PLAYER THREE

QUESTION ONE

The Chinese currency unit *yuan* is usually divided into ten *jiao*, which is itself divided into ten *fēn*. Much as British pounds and pence are the units of the British currency, sterling, the *yuan*, *jiao*, and *fēn* are units of the Chinese currency, given **what name**?

ANS: renminbi or rénmínbì

QUESTION TWO

Maria Theresa succeeded her father as ruler of **which important European dynasty** that traced its history back to the election of Rudolf I as King of Germany in 1273? This royal house is sometimes known as the House of Austria, but it is better known by the name of the Swiss fortress that served as its original seat.

ANS: Habsburg or Hapsburg

French: Habsbourg

Mandarin: hā bù sībǎo wángcháo

QUESTION THREE

In Germanic languages, Thursday is named after Donner or Thor, but **which Roman god** names Thursday in Romance languages?

ANS: Jupiter (accept Jove)

Mandarin: zhūbìtè

PLAYER FOUR

QUESTION ONE

Found in the folklore of Ohio and Michigan, Bessie is a serpentine monster said to inhabit **which lake**, the southernmost of the North American Great Lakes?

ANS: Lake **Erie**

French: **Érié**

Mandarin: **yǐlǐ**

QUESTION TWO

Amartya Sen described the 2011 book *Poor Economics* as “a marvellously insightful book by the two outstanding researchers on the real nature of poverty”. The book was co-authored by the husband-and-wife team of Abhijit Banerjee and **which Paris-born economist?**

ANS: Esther **Duflo**

Mandarin: ài sī tè · **dù fú ruò**

QUESTION THREE

Often held up as the prototypically virtuous woman, Cornelia was the daughter of a member of **which prominent family?** A member of this family defeated Hannibal at the Battle of Zama and was the grandfather of the Gracchi brothers.

ANS: **Scipio** (accept **Scipio Africanus**)

French: **Scipion**

Mandarin: **dà xī bì ā**

ROUND THREE

PLAYER ONE

QUESTION ONE

During the War of the Austrian Succession, Maria Theresa lost control of Silesia after it was occupied by **which power**, ruled by Frederick the Great?

ANS: Prussia

Danish: **Preussen**
Dutch: **Pruisen**
French: **Prusse**
German: **Preußen**
Mandarin: **pǔlǔshì**

Norwegian: **Pruessen**
Polish: **Prusy**
Romanian: **Prusia**
Swedish: **Pruessen**

QUESTION TWO

The đàn môi in Vietnam, the Ainu mukkuri, and the Estonian parmupill are among the many examples of **which family of instruments** that are found across Europe and Asia? They consist of a strip of flexible bamboo or metal in a frame, with the mouth cavity acting as the amplifying sound box.

ANS: jew's harp or jaw harp (accept **juice harp, mouth harp, Ozark harp, murchunga, morsing, morchang, guimbarde, mungiga, vargan, trompe, or isitolotolo**)

Danish: **jødeharpe**
Dutch: **mondharp**
French: **guimbarde**
German: **Maultrommel**
Mandarin: **kǒu huáng qín**

Norwegian: **munharpe**
Polish: **drumla**
Romanian: **drâmba** or **drâng**
Swedish: **mungiga** or **munharpa** or **munbanjo**

QUESTION THREE

Quarks are the only elementary particles in the Standard Model of particle physics to experience all four fundamental interactions: namely electromagnetism, the strong interaction (or strong force), the weak interaction (or weak force), and **which other**? This interaction is the mutual attraction between all particles with mass.

ANS: gravity or gravitation

Dutch: **zwaartekracht, gravitatie**
French: **gravitation**
German: **Gravitation, Massenanziehung**
Mandarin: **Yīnlì**

Norwegian: **gravitasjon**
Polish: **grawitacja** or **ciężenie powszechne**
Romanian: **gravitația**
Swedish: **gravitation**

PLAYER TWO

QUESTION ONE

Which playwright's 1961 satire *Die Physiker* (*The Physicists*), is set in a German psychiatric facility where characters, seemingly convinced they are Isaac Newton and Albert Einstein, lament the plight of humanity? Like Brecht, this Swiss playwright was a strong proponent of "epic theatre", in works such as *Der Besuch der alten Dame* (*The Visit*).

ANS: Friedrich Dürrenmatt

Mandarin: fúlǐdéilǐxī · dílún mǎtè

QUESTION TWO

In Paul Cézanne's painting, which in 2011 became the (then) most expensive painting ever sold, the two titular men are holding **what objects**, central to a variety of games? In a series of popular kitsch paintings by Cassius Marcellus Coolidge, a group of dogs are seen holding these objects.

ANS: playing cards

Danish: spillekort

Dutch: speelkaarten

French: carte à jouer

German: Spielkarten

Mandarin: yóuxì pái

Norwegian: spillkort

Polish: karty do gry

Romanian: carte de joc

Swedish: spelkort

QUESTION THREE

Nyami Nyami is a dragon-like monster said to inhabit the Zambezi River, and is sometimes sighted in **which reservoir**, the world's largest artificial lake, created in the 1950s by the construction of its namesake dam? The area's indigenous Tonga people believe Nyami Nyami left the Zambezi in anger at the creation of the dam and are sceptical of supposed sightings in this lake.

ANS: Lake Kariba

Mandarin: kǎ lǐbā shuǐkù

PLAYER THREE

QUESTION ONE

Nizami's inclusion of the stories of Khosrow and Shirin, and Alexander in his *Khamasa* were influenced by **which earlier poem**, which also includes the story of Fereydun overthrowing the evil tyrant Zahak?

ANS: ***Shahnameh*** or ***Šāhnāme*** (by Ferdowsi)

Dutch: ***Sjahnama***

French: also accept ***Livre des Rois***

Mandarin: ***Lièwángjì***

QUESTION TWO

Amartya Sen wrote the 2009 book *The Idea of Justice*, in which he critiqued the ideas contained in *A Theory of Justice*, an influential 1971 work by **which American philosopher**?

ANS: John ***Rawls***

Mandarin: yuēhàn · ***luóěrsī***

QUESTION THREE

What is the Tuareg name for the area claimed as the Tuareg homeland, especially the northern half of Mali and northern and western Niger? This name was used for the short-lived and unrecognised state proclaimed by Tuareg militants, the MNLA, in 2012.

ANS: ***Azawad*** or ***Azawagh*** or ***Azaway***

Mandarin: āzhā wǎdé

PLAYER FOUR

QUESTION ONE

What is the name of the elastic rod-like structure that forms in late gastrulation in chordates and induces the process of neurulation? In vertebrates, this structure disintegrates and is replaced by the vertebral column, but it persists much longer in lancelets and some other chordates.

ANS: **notochord** (or **notochorda** or **chorda dorsalis**)

French: **chorde** or **notochorde**

German: also accept **Achsenstab** or

Chorda

Mandarin: **jǐsuǒ**

Norwegian: **ryggstreng**

Polish: **struna grzbietowa** or **chorda**

Romanian: also accept **coarda dorsală**

Swedish: **ryggsträng** or **korda**

QUESTION TWO

While it also has a smaller subunit xu that is based on the number one hundred, **which currency** with the ISO code VND is usually divided into ten *hào*?

ANS: Vietnamese **đồng**

Mandarin: **dùn**

QUESTION THREE

Named in Germanic languages after the Norse goddess Frīg, or in some cases after Freya, Friday takes its name in Romance languages from **which Roman goddess**?

ANS: **Venus**

Mandarin: **wéinàisī**

Polish: **Wenus**

ROUND FOUR

PLAYER ONE

QUESTION ONE

50 ohms is a standard termination impedance for **what general category of electrical cables**, which often have BNC or SMA type connectors?

ANS: coaxial cables or coax

Danish: koaksialkabel

Dutch: coaxkabel or coaxiale kabel

French: câble coaxial or ligne coaxiale

German: Koaxialkabel or Koaxkabel

Mandarin: tóngzhóudiànlǎn

Norwegian: koaksialkabel or coaxkabel

Polish: kabel koncentryczny or kablem współosiowym

Romanian: cablul coaxial

Swedish: koaxialkabel

QUESTION TWO

Often represented as a prototypical manipulative mother, Agrippina the Younger may have been killed after Nero deliberately had **what kind of object** sabotaged? Biremes and triremes were ancient examples of these objects.

ANS: ships (or boats)

Danish: skibe or bade

Dutch: schip or schepen or boot or boten

French: navires or bateaux

German: Schiffe or Boote

Mandarin: chuán or chuánzhī or chuánbó or xiǎochuán

Norwegian: skip or båter

Polish: statek or łódź or statki or łodzie

Romanian: nave or bărci

Swedish: fartyg or båtar

QUESTION THREE

The currency unit of Uganda was officially divided in 100 cents until 2013, when inflation led to the currency having no subdivision. **What is the name of that currency?**

ANS: Ugandan shilling

German: Schilling

Mandarin: wūgāndá xiānlíng

Polish: szyling

Romanian: șilingul

PLAYER TWO

QUESTION ONE

Germanic tradition kept the Latin name for the day the Greeks dedicated to Cronus, (e.g. Saturday in English and Samstag in German), while Romance languages derived the name from **which Jewish day**? This is somewhat surprising as, in Roman Catholicism, the equivalent day is Sunday rather than Saturday.

ANS: Shabbat or Sabbath or Shabbos

Danish: sabbat or shabbes

Dutch: sjabbat or sjabbes or sjabbos

French: also accept Chabbat

German: Schabbat or Schabbes or Schabbos

Mandarin: ānxīrì

Norwegian: Sabbat

Polish: Szabat or Szabas

Romanian: Şabat

Swedish: Sabbat

QUESTION TWO

While chargeless neutrons are composed of one up quark and two down quarks, **which subatomic particles** with positive charge are composed of two up quarks and one down quark?

ANS: protons

Mandarin: zhìzǐ

QUESTION THREE

Although Gao was the largest city and provisional capital of Azawad, the MNLA intended **which city** to become the state's permanent capital? In the early 15th century, Tuaregs had taken control of this ancient city from the Mali Empire.

ANS: Timbuktu

Dutch: Timboektoe

French: Tombouctou

Mandarin: tōng bù tú

Romanian: Tombouctou

PLAYER THREE

QUESTION ONE

Some rhizomes are used directly in cooking, such as ginger, turmeric, and galangal. This is also true of **which brassica**, *Eutrema japonicum*, found along stream beds in Japanese mountain river valleys, whose rhizome is ground into a paste?

ANS: wasabi (accept **Japanese horseradish**; do not accept 'horseradish' alone)

German: also accept **Japanischer Meerrettich** or **Wassermeerrettich**
Mandarin: **shānguǐ** or **shān yú cài**

Polish: **chrzan japoński**
Romanian: also accept **hrean japonez**

QUESTION TWO

A white mare transformed into a humped saurian beast, Issie is a monster said to inhabit Lake Ikeda, 40 km south of Kagoshima. It is the largest lake on **which island**, the most southerly of Japan's four major islands?

ANS: Kyūshū

Mandarin: **jǐūzhōu**

QUESTION THREE

What word appears in the title of a Eugène Delacroix painting depicting Sardanapale (Sardanapalus), a Benjamin West painting depicting General Wolfe, and Jacques-Louis David paintings depicting Socrates and Jean-Paul Marat?

ANS: death or **mort**

Danish: **død**
Dutch: **dood**
German: **Tod**
Mandarin: **zhīsǐ**

Norwegian: **død**
Polish: **śmierć**
Romanian: **moarte**
Swedish: **död**

PLAYER FOUR

QUESTION ONE

The 1998 play *Copenhagen* is a historical retelling of the 1941 meeting of the physicists Niels Bohr and Werner Heisenberg in the namesake city. **Which playwright**, also known for the 1982 farce *Noises Off*, wrote *Copenhagen*?

ANS: Michael Frayn

Mandarin: màikèěr · fú láien

QUESTION TWO

Both the *Khamisa* and *Shahnameh* use **what Persian verse form** which consists of rhyming couplets which were often used by poets to compose long historical works? This verse form also names a 13th century six-volume collection of Sufi poetry.

ANS: masnavi (or masnowi or Maṣnavī-e ma'navī, Mathnawi, Mesnevi, Mathnavi; accept Spiritual Couplets or Spiritual Verses)

French: accept Couplets rimés d'une
profonde signification spirituelle

German: accept Geistige Zweizeiler

Mandarin: Mǎ sī nà wéi, Mǎ sī nà wéi-Mǎ
nà wéi

Romanian: accept Metafore și parabolă

QUESTION THREE

Instruments consisting of wooden bars struck with mallets have developed independently several times, with examples including the Western xylophone, the West African balafon, and the Zambian silimba, but the earliest known examples are from Southeast Asia. The gambang is an example used in **what type of ensemble music** of Java and Bali?

ANS: gamelan

Mandarin: gānměi lán

ROUND FIVE

PLAYER ONE

QUESTION ONE

Cited often in *The Idea of Justice*, **which 18th century English philosopher and social theorist** has been described by Amartya Sen as “the most underestimated thinker of the Enlightenment”? In 2021, Sen gave the inaugural ‘Lecture’ of the society named after this author of *Thoughts on the Education of Daughters*.

ANS: Mary Wollstonecraft

Mandarin: mǎlì · wò sītōng kè lǎfū tè

QUESTION TWO

Thomasina Coverley, a young prodigy with prescient knowledge of entropy and chaos theory, plays a leading role in **which playwright's** 1993 work *Arcadia*? Thomasina was based on Ada Lovelace, the pioneering mathematician and daughter of Lord Byron, himself an unseen character in the play.

ANS: Tom Stoppard

Mandarin: tāngmǔ · sītūō pàdé

QUESTION THREE

The Tuaregs lost control of Timbuktu in the mid-15th century when it was absorbed by **which expanding empire**? Sonni Ali proclaimed Gao as the capital of this empire.

ANS: Songhai Empire

Mandarin: sāng hǎi dìguó

Polish: Songhaj

PLAYER TWO

QUESTION ONE

Unusually, the Libyan dinar's primary subunit is worth one-thousandth of the dinar. **What is the name of that subunit**, a name it shares with the primary units of Morocco (divided into 100 centimes) and the UAE (divided into 100 fils)?

ANS: dirham

Mandarin: **dílāmǔ**

Polish: **dirhem**

QUESTION TWO

Gastrulation sees the formation of an internal cavity called the archenteron, the open end of which is called the blastopore. In the group of animals called protostomes (which includes arthropods, molluscs, and annelids), the blastopore develops into the mouth; **what name is given to the group of animals** (including chordates and echinoderms), where the blastopore develops into the anus?

ANS: deuterostomes (or **Deuterostomia**; accept **enterocoelomates**)

French: **deutérostomiens**

German: **Neumünder**

Mandarin: **hòu kǒu dòngwù**

Norwegian: **deuterostomier**

Polish: **wtórouste** or **wtórnogebowce**

QUESTION THREE

Maria Theresa attempted, unsuccessfully, to recover Silesia from Prussia during **which primarily European war** that began in 1756, and which resulted from the general dissatisfaction felt by the signatories to the Treaty of Aix-la-Chapelle that had ended the War of the Austrian Succession eight years earlier?

ANS: Seven Years' War

Danish: **Syvårskrigen**

Dutch: **Zevenjarige Oorlog**

French: guerre de **Sept Ans**

German: **Siebenjähriger Krieg**

Mandarin: **qī niánzhànzhēng**

Norwegian: **syvårskrigen** or **sjuårskrigen**

Polish: Wojna **siedmioletnia**

Romanian: Războiul de **șapte ani**

Swedish: **Sjuårskriget**

PLAYER THREE

QUESTION ONE

The tendency of an alternating current in a conductor to be distributed such that the current density is higher at the surface is known as **what effect**? In coaxial cables this can cause frequency-dependent impedance issues.

ANS: skin effect

French: effet de peau or effet pelliculaire
or effet Kelvin

German: also accept Stromverdrängungs-
Effekt

Mandarin: jí fū xiàoyìng or qū fū xiàoyìng
or biǎopí xiàoyìng

Norwegian: also accept hudeffekt

Polish: naskórkowość

Romanian: efectul pelicular

QUESTION TWO

The first woman to have coins minted bearing her face was Fulvia, who was married to **which leader**? This man led the winning side at the Battle of Phillipi, and he later married Octavia the Younger, who was celebrated for her virtue.

ANS: Mark Antony or Marcus Antonius

French: Marc Antoine

Mandarin: mǎkè · āndōngní

Polish: Marek Antoniusz

QUESTION THREE

The earliest known examples of **what family of instruments** – simple clay vessel flutes with finger holes and a mouthpiece – are believed to come from China, but other examples developed independently in Europe, Central America, and New Zealand? They are known in most languages by a word of Italian origin.

ANS: ocarina (prompt on ‘potato flute’)

Mandarin: táodí

Polish: okaryna

PLAYER FOUR

QUESTION ONE

Paolo Veronese has painted a famous one “at Cana”, Pieter Brueghel has painted a “peasant” one, and Jan van Eyck’s portrait of the Arnolfinis depicts a scene from one. **What type of event** do they have in common?

ANS: wedding (accept **marriage**)

Danish: **bryllup**

Dutch: **bruiloft**

French: **noces** or **mariage**

German: **Hochzeit**

Mandarin: **hūnlǐ**

Norwegian: **bryllup**

Polish: **wesele**

Romanian: **nuntă**

Swedish: **bröllop**

QUESTION TWO

Quarks are fermions because they have 1/2 integer values for **which property**? This intrinsic form of angular momentum describes how many symmetrical facets a particle has in one full rotation.

ANS: spin

Mandarin: **zìxuán**

QUESTION THREE

Although rhizomes are typically defined as being subterranean, the term is also used for the above-ground stems of **which vascular plants** of the class Polypodiopsida? These plants often have feather-like leaves and have neither seeds nor flowers, reproducing via spores.

ANS: ferns

Danish: **bregner**

Dutch: **varens**

French: **fougères** or **Filicophytes**

German: **Farne**

Mandarin: **zhēn juélèi** or **liàn shù zhíwù** or **jué lèi zhíwù**

Norwegian: **bregner**

Polish: **paprocie** or **paprociowe**

Romanian: **ferigile** or **ferigă** or **ferigi** or **pteridofite**

Swedish: **ormbunkeväxter** or **ormbunke**

TIEBREAKER ONE

QUESTION ONE

Formerly known as Godthåb, the town of Nuuk is the capital and largest settlement on **which large island?**

ANS: Greenland

Danish: **Grønland**

Dutch: **Groenland**

French: **Groenland**

German: **Grönland**

Mandarin: **gélínglán**

Norwegian: **Grønland**

Polish: **Grenlandia**

Romanian: **Groenlanda**

Swedish: **Grönland**

QUESTION TWO

Named after a Swedish medical physicist, **what is the SI derived unit** of equivalent dose?

ANS: sievert

Mandarin: **xīfú**

QUESTION THREE

Negro Matapacos [negg-roh matta-pack-oss] was a riot dog that participated in **which country's** student protests between 2011 and 2013? He became a prominent symbol of this country's later 2019-20 protests, with graffiti and sculpture created depicting him wearing his iconic red neckerchief, standing out against his jet-black fur.

ANS: Chile

Dutch: **Chili**

French: **Chili**

Mandarin: **Zhìlì**

TIEBREAKER TWO

QUESTION ONE

Étienne Lantier is the central character in an 1885 novel that shares its original French title with **which month of the French Revolutionary calendar?**

ANS: Germinal (by Émile Zola)

Mandarin: méngyá

QUESTION TWO

Although the killings also occurred in the Kalinin and Kharkiv, **which forest** near Smolensk gives its name to the massacre of over 20,000 Polish nationals on the orders of Stalin in the spring of 1940?

ANS: Katyn Forest

Mandarin: kǎtíng dàtúshā

QUESTION THREE

In 1977, **which Indian mathematician and gay rights advocate**, known for her extraordinary computational skills, computed the 23rd root of a 201-digit number in 50 seconds, which was 12 seconds faster than the UNIVAC computer used to confirm her answer?

ANS: Shakuntala Devi

Mandarin: xià kūn tǎlā · dàiwéi

TIEBREAKER THREE

NEAREST THE BULL

Assuming no abnormalities are present, **how many chromosomes** do the title characters of *One Hundred and one Dalmatians* and the *Three Little Pigs* have between them?

ANS: 7,992

SPARES

In the event of a spare being required, ask the player to pick a number between 1 and 3 and read the corresponding question

SPARE ONE

The first person known to have converted to Islam, **who was the first wife** of Muhammad?

ANS: Khadijah bint Khuwaylid

German: **Chadidscha**

Mandarin: **hǎidí chē**

SPARE TWO

In **which Austrian city** could you study at the Johannes Kepler University or the Anton Bruckner Private University for Music, Drama, and Dance?

ANS: Linz

Mandarin: **lín cí**

SPARE THREE

Born in Mogliano Veneto, near Treviso, in 1720, **which Italian artist** is best known for his etchings of Roman ruins and for his 16 prints of labyrinthine, Kafkaesque prison vaults?

ANS: Giovanni Battista Piranesi

Mandarin: qiáo fǎnní · bā tí sītǎ · **pīlā nài qí**