

Karnataka Quiz Association

MindSweep 2017

Part I – The Arts & The Sciences

PLEASE OPEN THIS BOOKLET ONLY WHEN YOUR PROCTOR SAYS “START”.

PLEASE FAMILIARISE YOURSELF WITH THESE DETAILS BEFORE THE START.

This BOOKLET contains 100 questions, divided equally among the two topics. It comprises Part I of the contest. Your cumulative score across the four topics will determine your ranking.

Rules:

1. You have 75 minutes to answer as many of these questions as possible.
2. Each section ends with FIVE 2-pointers. The maximum total score in each section is 55.
3. Papers will be swapped with another player for marking at the end of 75 minutes.
4. Unless stated in the question, last names will suffice. However, if you give the wrong first name, your answer will be incorrect!
5. Phonetically correct answers will be accepted.
6. After the topics have been marked, you will get your paper back and you have 5 minutes to check you agree with the marking. Disputes must be referred to the coordinator in this time. Please indicate which answer(s) you are querying with a large “?” question mark.
7. At the end of marking, your checker should copy your scores into the table on this sheet. If you agree with their marking, sign next to the score(s) to confirm this. Your complete script should then be handed in (it will be returned to you later). Once this has been done, no further discussions will be entered into about your score. The score signed for will be considered to be correct.
8. The overall highest scoring player from all participating venues will be the KQA MindSweep Champion 2017.
9. In the event of a tie, your lowest scores will be compared and the person with a higher score there will win.
10. In the event of any unprecedented occurrence or unforeseen circumstances arising in the course of the quiz, your proctor’s decision shall be final and binding. KQA will adjudicate if the proctor refers the matter to us.
11. Your commencing to answer the questions indicates your acceptance of these rules.

Thank you.

Arul Mani, Dibyendu Das, Hrishikesh Varma, Nagaratna ‘Partikal’ Patil and Varun Rajiv, KQA

Contestant’s Name			⇒
#	Topic	Marks	
1	The Arts		
2	The Sciences		Sign here ⇒
	Total		

1. Robin Sloan's interactive prose piece Fish is seen as pioneering a new form which relies on physical interaction to set the pace in unveiling new words, sentences, and images while one uses a phone or the touch screen of a tablet. From what simple action does this form of essay take its name?	1. Tap/Tap Essay
2. These awards have been given out since the year 2000 to submissions from Hispanophone or Lusophone countries, and may also extend to submissions in Catalan, Nahuatl and Quechua. Identify.	2. Latin Grammys
3. This is a composite material consisting of pieces of pulp, sometimes reinforced with textiles, and bound with an adhesive. What is this material, literally "chewed paper"?	3. Papier Mache
4. Roger McGough wrote a poem that ended thus: "I am the Kiss of Life/Its ebb and flow/With your last gasp/You will call my name/'o o o o o o o'. Counting the number of letters in the last line might help you identify the subject/title of the poem.	4. Oxygen
5. The impossible forward angling of this work of art was explained by X-ray studies which revealed a massive lead counterweight in the base, serving as an anchor, and coiling iron armatures holding core material in place. Which work of art?	5. Rodin's Thinker
6. During the 1950s, while performing with his wife Mary Ford, he also managed to find the time to contribute to multitrack recording and is credited with having invented the first eight-track tape recorder and the technique of overdubbing. Who?	6. Les Paul
7. Ameila Bonetti and Pippo Botticella were famous as dancers. Thirty years after they retire, they team up once more for a TV show. Who directed this movie, named after two great dancers-cum-actors one of whom sued due to the use of her name?	7. Federico Fellini - Ginger and Fred
8. Having discovered this philosopher's 1966 book titled 'The Order of Things', the painter, Magritte, engaged in correspondence with this French thinker. The latter's book titled 'This is not a pipe' published in 1973 was a product of discussion between the painter and the philosopher. Name the philosopher.	8. Michel Foucault
9. Jakarta hosts one of the biggest LGBT-themed film festivals in the world. The festival has a short name--a letter followed by an exclamation mark. What letter?	9. Q!
10. This well-known composition by Albeniz is a guitar piece though it was originally written for the piano. It is the 5th movement of the Suite Espanola named after a geographic region of Spain. The Doors reworked this piece for one of their songs. Name the composition.	10. Asturias
11. The 'Twelve Lives of Samuel Hawley' by Hannah Tinti tells the story of Samuel Hawley who is a rugged gun-toting single father with twelve bullet scars. The twelve scars are an inspiration from which ancient story?	11. 12 labours of Hercules
12. Whom did TIME call as the 'Bard of the Island Life' after he won the Nobel Prize for Literature in 1992.	12. Derek Walcott
13. Who wrote a newspaper serial titled 'Manly Health and Training' with eugenic undertones three years after the publication of his seminal poetic work in 1855?	13. Walt Whitman

14. Which famous author has revived the first mainstream black superhero, T'Challa a.k.a. Black Panther, ruler of the African nation of Wahanda and a member of the Avengers teams?	14. Ta Nehisi Coates .
15. X created the first of his <i>soundsuits</i> in response to the Rodney King beating in 1992, and has since persevered with the form. He claims that it allows experience by hiding visible signs of race, class and gender X shares his name with the front man of a band that sounds like a small-scale agricultural disaster. Identify this artist X.	15. Nick Cave (not to be confused with Nick Cave of the Bad Seeds)
16. At a press conference in 1971, the President was so properly turned out that the soles of his shoes were polished. The young crew who had just won the competition to design the arts centre that would carry his name, beating 680 others, were not. Richard Rogers wore a railwayman's blue denim suit and a flower power shirt, Renzo Piano a hippified combination of beard and tweeds and their partner John Young a sweatshirt that (memories would vary) may have had Mickey Mouse on it. Only Ted Happold, of the engineers Ove Arup, wore a suit and tie. "You are the capitalist," the president told him. Which famous building is this?	16. Pompidou Arts Center
17. The annual True/False festival in Columbia, Missouri is exclusively for which genre of movies?	17. Documentary films
18. English writer Fay Weldon's 2002 autobiography's title is a play on a Portuguese phrase meaning 'act of faith', which was used to refer to rituals of public penance of condemned heretics/apostates during Inquisitions. Name either.	18. Auto Da Fe/Auto Da Fay
19. X's name is an anagram of 'is a man I dreamt up', but neither he nor his name is an invention. An American writer best known for his Tales In The City series set in San Francisco, a TV movie titled X Is A Man I Dreamt Up about his life was released in 1992. Who?	19. Armistead Maupin
20. The name for the objects used in this sub-genre of a type of performance art stems from the fact that one of the first figures to be reduced into this form was the Virgin Mary - hence the name. What are we talking about?	20. Marionette ('little Mary')
21. IKB', a colour developed by French artist Yves Klein, is famously used by which performance art company that was formed in 1991 by Chris Wink, Matt Goldman and Phil Stanton?	21. Blue Man Group
22. X's backing band were originally named on the second Sunday of May and subsequently shortened. As the new name could've been interpreted as profane, they settled on their eventual name. As X later said, "out of necessity we became the _____ ." Name either X, or the band.	22. Frank Zappa OR The Mothers of Invention
23. Identify the fourth - the most famous and the first to be adapted as a movie - book in the Crane-Iron series of books by Wang Dulu - the others in the series are (1) Crane Frightens Kunlun, (2) Precious Sword, Golden Hairpin, (3) Sword Force, Pearl Shine, (4) X, and (5) Iron Knight, Silver Vase	23. Crouching tiger, hidden dragon
24. In British parliamentary procedure, when the result of a voice vote is challenged or a more accurate vote is required, what is used to signal it, thus calling upon members of the chamber to vote? The device lent its name to something in 1994 after, aptly, a group of people had been dithering over a title. What device?	24. Division Bell
25. The Gratiaen Prize, an annual literary prize awarded to a work in English by a resident of Sri Lanka, was named after Doris Gratiaen, the mother of its founder. Who founded the award?	25. Michael Ondaatje

<p>26. Gunter Glieden Glauchen Globen is the title of a 2013 work by contemporary American poet Michael Robbins. The poem takes its title from the famous German-like nonsense phrase intro to which 1983 song that also lent its name to a 2005 musical?</p>	<p>26. Rock of Ages (by Def Leppard)</p>
<p>27. "My brother would have been famous if your author had simply deigned to give him a first name. H'med or Kaddour or Hammou: just a name, damn it!" In this excerpt from Kamel Daoud's debut novel, which real life writer is being referenced as, "your author"?</p>	<p>27. Albert Camus</p>
<p>28. A 1917 play was reviewed in the New York Post – incidentally started by X – with "Congratulations are due upon the cordial public reception accorded to "X", upon the occasion of its first production in this city ... It is a real play with real men and women in it, containing an appeal not only to popular taste, but to the attention of the intelligent theatergoer." Name the play.</p>	<p>28. Hamilton</p>
<p>29. X art is a pejorative slang term coined by James Wines in 1969 for works of public art that were large, abstract and modernist. The term - a play on another well-known genre of art - connotes that the work is unattractive or inappropriate to its surroundings - i.e., it has been thoughtlessly "Xped" where it lies. X?</p>	<p>29. Plop art</p>
<p>30. Which institution faced a mini crisis in 1906 when two of its board members resigned in protest at editor Gilbert H Grosvenor's bold use of photographs?</p>	<p>30. National Geographic Magazine</p>
<p>31. The Bible tells the tale of Rachel and Leah, sisters who are married to Jacob. Unable to have children of their own, they offer their servants to Jacob to have children by him. Taking inspiration from this, which in-the-news novel features an institution (nicknamed the 'Red Centre') for similar purposes?</p>	<p>31. The Handmaid's Tale</p>
<p>32. After watching this Palme d'Or winning film, Jeremy Corbyn put up a post on Facebook praising it, noting the titular character's struggles: " [he] has had a major heart attack, his doctor has told him he is too ill to work, but the Department for Work and Pensions say he has to get a job." Which acclaimed film was he talking about?</p>	<p>32. I, Daniel Blake</p>
<p>33. Seven Brides for Seven Brothers' was based on Stephen Vincent Benet's 'The Sobbin' Women', a story inspired by which tale from Roman myth?</p>	<p>33. Rape of the Sabine Women</p>
<p>34. Miss ____ is a manga series about Katsushika Oi (also known as Sakae). Although she was considered to be extremely talented in her own right, and recognised as a master by her own father, she is a forgotten figure today. However, her father and his creations are immortal. Who was her father?</p>	<p>34. Hokusai</p>
<p>35. Many years later, the actor would say that the two hardest things she ever did was her breakout film and surviving childbirth. Owing to her less-than-stellar dancing ability, she was reduced to tears after her co-star (and director of the movie) insulted her. As it happened, Fred Astaire, who happened to be around, helped her with the dancing and it all worked out fine. Which actor in which movie went through all this pain?</p>	<p>35. Debbie Reynolds in Singin' in the Rain</p>

<p>36. Cif Amotan II, who lived during the first and second centuries AD, spends his wealth collecting the treasures of the world. He decides to install them in a temple to the sun, and has the works loaded on the Apistos. But the ship is lost at sea, and the precious cargo is lost, until – two millennia later – ____ and his team discover it. The treasures from the wreck of the Apistos are now being exhibited by _____. This is the backstory behind whose first exhibition in nearly a decade?</p>	<p>36. Damien Hirst. The exhibition is called 'Treasures from the Wreck of the Unbelievable.' (Apostos means unbelievable)</p>
<p>37. Thomas Hoving's rollicking memoir ("Making the Mummies Dance: Inside the ____ ____ ____ ____") recounts his days as the youngest person to head the largest museum of its kind in the United States. The museum, which was in bad shape when he took charge in 1967, was transformed by him into the behemoth it is today. He would memorably describe his style of functioning as 'piracy' and shark-like. Which nearly 150-year-old icon is this?</p>	<p>37. Metropolitan Museum of Art, or The Met (He was the Museum director)</p>
<p>38. In 1893, the administration of a historic city passed a resolution to celebrate the silver anniversary of King Umberto and Margherita of Savoy. The city's mayor, wanting to make use of the talents of a group of people who used to meet at the cafes of the city, started something in 1895 whose 57th edition kicked off recently. What are we talking about?</p>	<p>38. Venice Art Biennale/Venice Biennale</p>
<p>39. In The Old Patagonian Express, Paul Theroux, expressing doubts about his own work, alludes to another writer. According to a story, the other writer, in middle-age, had tried to re-experience his seminal work by hitchhiking West again. It did not end well, says Theroux: "Times had changed. The lugubrious man reached New Jersey; there he stood for hours in the rain, trying to thumb a ride, until at last he gave up and took a bus home." Who is this other writer?</p>	<p>39. Jack Kerouac</p>
<p>40. Lancelot Brown was an 18th century landscape architect whose works led some to call him 'England's greatest gardener.' However, a young man who rose to fame following the architect's passing, was not a fan: "It is not beauty because it is not nature", he said of Brown's work- with good reason. Brown's work directly clashed with this young man's vision and inspiration. Who was this young man?</p>	<p>40. John Constable</p>
<p>41. (VISUAL) This is the cathedral in which small but famous town in northern Italy?</p>	<p>41. Carrara</p>
<p>42. (VISUAL) This work of art by Nikita Golubev makes use of what naturally occurring medium?</p>	<p>42. Dirt/Dust/Grime</p>
<p>43. (VISUAL) In this painting by David Hockney you can see a famous novelist on the right looking at his much younger partner Don Bachardy. Identify the novelist.</p>	<p>43. Christopher Isherwood</p>
<p>44. (VISUAL) (Image) On 11 June 2011, Poland's first sculpture of the Polish/Russian dancers, <u>X</u> and his sister Bronislava, was unveiled in their roles as the Faun and the Nymph from the ballet L'après-midi d'un faune. Commissioned by the Polish National Ballet, the sculpture was made in bronze by the well-known Ukrainian sculptor Giennadij Jerszow. Considered to be one of the greatest ballet dancers of the 20th century. Identify X.</p>	<p>44. Vaslav Nijinsky</p>
<p>45. (VISUAL) What subject that has been portrayed by Titian, Nicolas Poussinis and Giotto di Bondone, among others is being depicted in this Jamini Roy painting?</p>	<p>45. Flight into Egypt/ Joseph, Mary and baby Jesus' Flight (in)to Egypt to escape Herod/</p>

<p>46. (TWO-POINTER) Tiziano Scarpa's 2008 Italian novel takes its title from a hymn that presents Mary's suffering as she watches Christ on the cross. The novel focuses on the impact of a musical innovator on his contemporaries in Venice. Identify the innovator, and the title of the novel.</p>	<p>46. Stabat Mater & Antonio Vivaldi</p>
<p>47. (TWO-POINTER) David Daniels is famous for having essayed the lead roles in revivals of Handel's operas, including Giulio Cesare, Rinaldo, and Radamisto. Daniels sang the roles by using his trained falsetto voice. What is the term for such performers? Who were these roles originally written for?</p>	<p>47. Counter-tenors and Castrati</p>
<p>48. (TWO-POINTER) In late 1967, he returned with a new album after a 18-month break forced on him by a motorcycle accident. The album, named after the Texas outlaw John Wesley Hardin, had a curious misspelling: an extra __. A critic commented that after depriving so many words of a __, he 'apparently felt he should return one.' Who? What was the addition?</p>	<p>48. Bob Dylan, an extra 'g' - the album was spelt 'John Wesley Harding'</p>
<p>49. (TWO-POINTER) In her autobiography, My Dream of Stars, she wrote of her family's migration to the US after troubles in her homeland in 1979, and how she made her fortune and reached the top, quite literally, in 2006. Her co-author, rather appropriately, was Homer Hickam, whose own story of small-town success in the same field had been made into an acclaimed 1999 film. Who? Name the 1999 film as well.</p>	<p>49. Anousheh Ansari, October Sky</p>
<p>50. (TWO-POINTER) Speaking at a lecture in 2013, US Supreme Court justice Neil Gorsuch noted with concern that his profession's reflected image in popular culture was "no longer X but Y." X is one of the most beloved characters in 20th century fiction and the hero of a Pulitzer Prize-winning 1960 novel. Y, of course, is how 'Jimmy' McGill is better known to us. Identify both.</p>	<p>50. X - Atticus Finch, Y- Saul Goodman</p>

VISUALS

41.



42.



43.



45.



44.



MindSweep 2017

The Sciences

<p>1. Paul Crutzen offers these as reason for his coinage. Human activity has transformed at least a third of the land surface. The world's rivers have nearly all been dammed. Fertiliser plants produce more nitrogen than is fixed in terrestrial ecosystems. More than half the accessible water run-off is used by humans. What 12-letter word did Crutzen coin to reflect these facts?</p>	<p>1. Anthropocene</p>
<p>2. The original meaning of this word was 'anything dug up from the ground', and that is how it is used in the two-word phrase commonly used while referring to a particular non-renewable resource. The word's association with species that have had their day is a later development. Give either the word or the phrase.</p>	<p>2. Fossil/Fossil fuel</p>
<p>3. ICCAT is a Paris-based organisation with a unique mission. If the acronym expands to International Commission for the Conservation of Atlantic X, tell us what this valuable X might be?</p>	<p>3. Tuna/Tunas</p>
<p>4. David Reich's paper, reported in PLoS Biology, speaks of a genetic analysis that found that the savannah X and forest Y of Africa, previously classified as a single species, are in fact two separate species. What is X?</p>	<p>4. Elephant</p>
<p>5. Willard S. Boyle and George E. Smith shared the Physics Nobel Prize for what hyphenated invention that changed the way we record the world around us?</p>	<p>5. Charge-coupled Device, vital in digital photography.</p>
<p>6. When he died in 2001, there were rumours that he had died of a heart attack. These attempts at finding irony in real life ended soon after autopsy reports revealed that he had a severe asthma attack while holidaying in Paphos, Cyprus. Who?</p>	<p>6. Christian Barnard</p>
<p>7. The book is dedicated to a 1952 Nobel laureate who once said "Man has lost the capacity to foresee and to forestall". The author endured a mastectomy and radiation treatment while writing the book, and suffered in silence. Springing this on the public would have meant nasty personal attacks. The writer lived to see JFK set up a commission under Jerome Wiesner to investigate the ideas in the book, and died two years after publication, in 1964, Name writer OR book.</p>	<p>7. Rachel Carson OR Silent Spring.</p>
<p>8. Robert Jay Lifton's study of coercive techniques in a Communist nation, titled Thought Reform and Totalism, won attention from lay readers. He used the term 'Thought Reform' as a way of distancing himself from the more melodramatic term preferred by journalists. What popular term was Thought Reform meant to replace?</p>	<p>8. Brainwashing.</p>
<p>9. The city of Paris once contained many quarries from where gypsum was obtained. This is perhaps the reason behind the city being home to the manufacture of what associated product?</p>	<p>9. Plaster of Paris</p>
<p>10. Who, in 1789, published An Elementary Treatise on Chemistry, classifying the substances then known into four groups, namely gases, the non-metallic, oxydable metals and 'salsifiable simple earthy substances'?</p>	<p>10. Antoine Lavoisier</p>
<p>11. Marie Curie was succeeded as Director of the Radium Institute by Andre-Louis Debierne, whose claim to fame is that he discovered actinium, which takes its name from the Greek word for 'ray'. In what legendary source did Debierne discover actinium?</p>	<p>11. Pitchblende, where the Curies discovered Polonium and Radium. Debierne discovered it in the residues from their research.</p>

<p>12. What is the accurate two-word term for the process by which a human breeder chooses which of the progeny of a plant or animal should survive and reproduce--culminating, ideally in breeds or cultivars?</p>	<p>12. Artificial Selection</p>
<p>13. Jacques Hadamard, the famous mathematician, became politically active and a staunch supporter of the Jewish causes because his sister was married to the protagonist of what infamous incident?</p>	<p>13. Alfred Dreyfus</p>
<p>14. Which software storage platform carries a name usually given to pet octopus(es) and derives from the scientific name of a class of molluscs ?</p>	<p>14. Ceph (from Cephalopods)</p>
<p>15. In 1818, the Foreign Secretary Lord Castlereagh sent a letter to British consuls across the world, asking them to obtain examples of their local standard _____. At that time the UK had no universal conversion table between the many different systems of _____ used by foreign cities. They were put in two cabinets installed in the Royal Mint, and when the _____ were compared with each other, the Mint discovered that almost every previous conversion table was wrong – and that for the previous century these errors had been costing UK traders money. Fill the blanks with one word.</p>	<p>15. Weights</p>
<p>16. _____ is an extinct genus of semiaquatic anthracothere, ungulates related to hippopotamuses, from early Miocene Africa. The tiny swamp creature's Latin name translates to '___X's___ water nymph.' Fossilised remains of this extinct hippo displayed a distinctive jaw line and lips which reminded Ellen Miller from Wake Forest University of ___X___. Some of my colleagues suggested naming the new species after Hollywood star Angelina Jolie, because she also has famous lips. But for me it had to be ___X___,' said Ms Miller. X?</p>	<p>16. Mick Jagger (Jaggermeryx)</p>
<p>17. Which famous political personality guest-edited the November 2016 issue of WIRED?</p>	<p>17. Barack Obama</p>
<p>18. Named after an artist, ___X___ is a well-known esoteric programming language which uses images as source code. The language uses 20 colours, and the commands are encoded as changes of colour between adjacent pixels. X?</p>	<p>18. Piet</p>
<p>19. In his book on literary quirks and oddities of authors, Ben Blatt used mathematical and statistical analyses to arrive at which 'colour' word that Vladimir Nabokov used at least once in all of his notable books. Which word?</p>	<p>19. Mauve</p>
<p>20. X in Greek mythology is the ethereal fluid that is the blood of the gods. We are more familiar with X due to a 1964 constructed term (X combined with 'stone') to describe something caused by the release of certain oils previously absorbed by clay-based soils and rocks. X?</p>	<p>20. Ichor (of Petrichor)</p>
<p>21. An affliction often misdiagnosed as a heart attack came to be known as the 'cafe coronary'. Proposed solutions included a 9"-long pair of tweezers, but a proposal in a 1974 article titled 'Pop Goes The Cafe Coronary' has been the most enduring solution. What?</p>	<p>21. Heimlich manoeuvre</p>
<p>22. St. Paul's Cathedral in London was designed by Sir Christopher Wren to be 111m high, paying tribute to what, given that he had a keen interest in astronomy?</p>	<p>22. Days of the year (365 ft)</p>
<p>23. The form of seizures that results in muscle spasms and loss of consciousness is known today as Tonic-Clonic seizures, but was previously known by a name derived from French for 'great sickness'. What was its earlier name?</p>	<p>23. Grand mal seizures</p>

<p>24. In Sept. 2008, Sergei Brin started a blog. His first post was titled 'LRRK2', announcing his genetic predisposition to a disease due to the detection of the LRRK2 gene, a genetic mutation that has been associated with higher rates of the disease. What disease?</p>	<p>24. Parkinson's</p>
<p>25. First produced in the early 1950s, __X__ is a polyester-polyurethane copolymer that was initially developed as a replacement for rubber by chemist Joseph Shivers at DuPont. It has different names in different parts of the world, and is known in North America as an anagram of what it does. By what name is it known in North America?</p>	<p>25. Spandex</p>
<p>26. The __X__, which connects the intestine to the abdomen, had for hundreds of years been considered a fragmented structure made up of multiple separate parts. However, new research has confirmed that it is its own continuous organ, and not a series of fragmented parts like experts had previously thought. X?</p>	<p>26. Mesentery</p>
<p>27. In order to counteract the dwindling of X due to the disappearance of milkweed, many conservationist groups encouraged people to grow milkweed in their backyards. Unfortunately, the species distributed most by conservationists is one that does not deteriorate in cold weather, which encouraged X to stay where the food is instead of continuing their migration. Additionally, X that did not migrate were likely to be infected by the protozoan Ophryocystis elektroscirrha, which causes them to suffer wing deformities, smaller size, reduced flight performance, and shorter adult lifespans. X?</p>	<p>27. Monarch butterflies</p>
<p>28. Amanda Melin, a graduate student at the University of Calgary in Canada, and her colleagues spent 9 months following two groups of capuchins in Santa Rosa National Park in Costa Rica, observing the dietary habits of 34 monkeys. The capuchins which possessed a particular trait made approximately four more attempts per hour to capture camouflaged insects than the other monkeys did. What trait?</p>	<p>28. Colourblindness</p>
<p>29. Sphenopalatine ganglioneuralgia is the scientific name of a condition and means "nerve pain of the sphenopalatine ganglion" and is believed to result from a nerve response causing rapid constriction and swelling of blood vessels (due to the rapid consumption of something). What is sphenopalatine ganglioneuralgia commonly known as?</p>	<p>29. Ice-cream headache/ Brain freeze</p>
<p>30. In 1802, he gave a series of lectures at London's Royal Institution, pretty much laying out the sum of scientific knowledge. As a child, he had learned Hebrew by himself, and would coin the term 'Indo-European', besides providing key insights into deciphering the Rosetta stone. He is largely remembered for his seminal work in physics. In a biography by Andrew Robinson, he was the titular "The Last Man Who Knew Everything". Which youthful personality?</p>	<p>30. Thomas Young</p>
<p>31. Project Mogul was a top-secret project by the US Air Force that involved carrying microphones on hot air balloons to detect Soviet nuclear tests from far away. The project was closed down in 1949. However, we remember it because of an incident where one of the balloons crashed down in a small town in New Mexico in 1947. Where did it crash?</p>	<p>31. Roswell</p>

<p>32. It was Rembrandt's birthplace and is home to the country's oldest university (which boasts thirteen Nobel Prize winners). Its motto is 'City of Discoveries', owing to the many important scientific developments that took place here. Identify this city, which you might know for jarring reasons.</p>	<p>32. Leiden/Leyden</p>
<p>33. The scientific name of this famous predator literally means 'fearsome dog',and it roamed the Western Hemisphere till about 10,000 years ago. It came back into the spotlight after featuring in a smash hit TV series in the last few years. Name this creature.</p>	<p>33. Dire Wolf (shown in GoT)</p>
<p>34. Recently, scientists were given access a treasure trove of information that covers about 100,000 square miles of the Indian Ocean's seafloor mapped at a high level of detail. The information was provided by the Australian Transport Safety Bureau, which was leading a team (for the past three years) on a search to find what?</p>	<p>34. MH370/Missing Malaysia Airlines flight</p>
<p>35. A visit to the ____ Museum of Masaryk University in the Czech Republic is incomplete without taking the guided tour. The route takes one through the nearby Augustinian Abbey, showcasing its refractory, dormitory, etc. The last stop on the tour is an experimental garden with preserved foundations of a greenhouse, the real claim to fame of this location. What happened here in the mid-19th century?</p>	<p>35. Gregor Mendel's pea plant experiments</p>
<p>36. He originally planned to call his big project "Man and the ____", but being a feminist, rejected it. It came down to these two options: "There" and "____". He chose the latter, a word that comes from Greek and means "order or world". Which is this project, that first came to light on September 28, 1980? (Both blanks are the same)</p>	<p>36. Cosmos (the person being Carl Sagan)</p>
<p>37. These two 19th century Danish personalities, besides being great friends, also shared the first two words of their name. The older man remains an electrifying figure in science, and has a famous law and unit named after him. However, the younger man, who was in love with the other's daughter for a while, is by far the more famous of the two, having written stories that have been translated into over 100 languages. Name either person--full names please.</p>	<p>37. Hans Christian Oersted OR Hans Christian Andersen</p>
<p>38. They are more than six thousand in number, with many of them sharing Jupiter's orbit around the Sun. Divided into groups that commemorate a legendary confrontation, they have names like Patroclus, Stentor, Pandarus and Aneas. By what collective name are they known?</p>	<p>38. Trojans/Jupiter Trojans/Trojan asteroids</p>
<p>39. In September last year, Oceana, one of the world's largest ocean conservation organisations, released a report saying that every 1 in 5 seafood samples are mislabelled. The biggest imposter - rather fittingly, was the Asian _____. Name this creature with fake credentials.</p>	<p>39. Catfish</p>
<p>40. In 1897, James Henry Atkinson, a young ironmonger, used a flat piece of wood, some stiff wire and not much else to develop something that does its work in about 38/1000th of a second. A common sight in many households today, its original design has hardly changed after more than a century of chilling, brutal efficiency. Atkinson is credited with the most common design of what object, which should bring to mind another long-running entity?</p>	<p>40. Mouse Trap</p>

<p>41. (VISUAL) When, in 1730, engineers discovered <i>Teredo navalis</i> off the coast of Zeeland, it provoked an existential crisis. The creature, which usually attacks ocean-going vessels, had reduced large stretches of a famous structure to pulp. Soon, a solution involving replacing the wood with stones was carried out, saving the area from disaster. What did these creatures attack?</p>	<p>41. Dikes in the Netherlands, attacked by Shipworms/Pileworms,</p>
<p>42. (VISUAL) What is this exhibit which you can find at the Mutter Museum in Philadelphia in 46 microscopic slides ?</p>	<p>42. Einstein's brain</p>
<p>43. (VISUAL) One is a flower with a characteristic hue. The other is a lifestyle-choice. While the two words may differ from each other by one letter, they trace their roots back to a phrase meaning 'loving the woods'. Give either term.</p>	<p>43. Nemophila OR Nemophile</p>
<p>44. (VISUAL) Among other things, George Antheil wrote regular columns in <i>Esquire</i> and <i>Coronet</i>. In one of those articles, "The Glandbook for the Questing Male," he wrote that a woman's healthy pituitary gland might enhance the size and shape of her breasts. Y was taken with the idea, and went to him for advice on enlarging her bust without surgery. At some point, their conversation veered from breast enlargement to another topic which eventually led to the development of what?</p>	<p>44. Frequency hopping</p>
<p>45. (VISUAL) This work of art by video artiste Nam June Paik is believed to be the origin of the term 'information/electronic _____'. Fill blank.</p>	<p>45. <u>Superhighway</u></p>
<p>46. (TWO-POINTER) Some of the major assisted reproduction technologies of our time rejoice in acronyms such as GIFT and ZIFT. What two words mark the difference between these technologies?</p>	<p>46. Gamete and Zygote</p>
<p>47. (TWO-POINTER) The University of Toronto has a department of Medical Research that is often called the BBDMR. In more recent times, a wing of the building has been set aside for the BBCIE, a centre for innovation. What does the common factor in these names (i.e., BB) expand to?</p>	<p>47. Banting and Best</p>
<p>48. (TWO-POINTER) Paul Brand worked with victims of a disease in India, and wrote about these experiences in a book titled <i>The Gift of Pain</i>. He found that those cured would nevertheless suffer bodily damage, and lose fingers and toes to rats because peripheral neuropathy persisted. What did they suffer from? What common-sense solution did he come up with to prevent the loss of digits?</p>	<p>48. Leprosy. He gifted them cats.</p>
<p>49. (TWO-POINTER) The common name for this condition comes from the Latin word for 'throat'. The logic behind the traditional remedy--burning sponges or kelp--wasn't understood for many years, even after Humphry Davy identified the key element and named it after the colour of its fumes. What condition? What element?</p>	<p>49. Goitre and Iodine.</p>
<p>50. (TWO-POINTER) Prudence Jones of Montclair State University needed only two things to conduct an experiment to verify an incident featuring X, narrated by Pliny the Elder in his <i>Natural History</i>. One came from a supermarket shelf. The account seems only to have exaggerated the time required for the reaction. In about 24 hours, the experiment produced calcium acetate, water and some CO₂. The result was apparently not much worse than a martini with an olive. Identify the person X, and what Pliny alleges X to have done.</p>	<p>50. X: Cleopatra. Dissolved a pearl in vinegar to impress Mark Antony.</p>

VISUALS

41.



42.



43.



44.



45.

