#### 2017–18 Season: Cup and Plate Quarter Finals – 23 January 2018

Set by the Harrington Academicals and the Park Taverners.

| 1  | Marco Polo was a native of which Italian city?   |
|----|--|
|    | Venice   |
| 2  | Which law states that entropy in an isolated system always increases?  |
|    | The Second law of Thermodynamics   |
| 3  | Jack Straw and John Ball were among the leaders of which rebellion, that took place in 1381?   |
|    | The Peasants' Revolt (also accept Wat Tyler's rebellion or the Great Rising)   |
| 4  | Al Capone was one of the two rival gang leaders in the St Valentine's Day massacre. Name the other one.  |
|    | George 'Bugs' Moran  |
| 5  | Which elementary particle comes in six flavours: up, down, top, bottom, strange and charm?   |
|    | Quark  |
| 6  | What is exobiology?  |
|    | The study of life in outer space   |
| 7  | Which 13 <sup>th</sup> century English Franciscan philosopher was known as Doctor Mirabilis?   |
|    | Roger Bacon  |
| 8  | Which 18th-century German philosopher wrote <i>Critique of Pure Reason</i> , <i>Critique of Practical Reason</i> and <i>Critique of Judgment</i> ? |
|    | Immanuel <b>Kant</b>   |
| 9  | The word hierarchy comes from the Medieval Latin <i>hierarchia</i> . Who were ranked by the original hierarchia?                                   |
|    | Angels   |
| 10 | Holden Caulfield is the protagonist of which 1951 novel?   |
|    | The Catcher in the Rye   |
| 11 | For several years in the early 2000s the winner of the Italian Open Golf tournament won, as well as a cash prize, their own weight in what?        |
|    | Grana Padano cheese (accept Parmesan or cheese)  |
| 12 | Which guide book does Michael Portillo use on his travels on the USA rail network in his TV programmes?  |
|    | Appleton's   |
| 13 | The Chaffee Barbershop Museum in Fort Chaffee, Arkansas, commemorates whose 1958 haircut?  |
|    | <b>Elvis Presley</b> (it was where he received his Army-regulation buzzcut before reporting for duty)  |
| 14 | Name either of the two scientists whose statues flank the main entrance to Manchester Town Hall.   |
| -  | John <b>Dalton</b> or James <b>Joule</b>   |
|    | ·  |



| 15 | In which famous painting of 1821 can you see Willy Lott's cottage?   |
|----|--|
|    | The Hay Wain   |
| 16 | Which King of England became heir apparent after the death of his older brother Henry in 1612?   |
|    | <b>Charles I</b> (the Henry in question was Henry Frederick, Prince of Wales, eldest son of James I of England)  |
| 17 | By what name was the spy Margaretha Zelle better known?  |
|    | Mata Hari  |
| 18 | Shawn Corey Carter is the real name of which American rapper and producer?   |
|    | Jay-Z  |
| 19 | Which reggae instrumental, recorded by the Harry J Allstars in 1969, is played as Chelsea take the field for home matches?   |
|    | The Liquidator   |
| 20 | Shakespeare's <i>Much Ado about Nothing</i> is set in which Sicilian city, home to an important Catholic university and giving its name to the adjacent strait between Sicily and Italy? |
|    | Messina  |
| 21 | Born in Vladivostock, who won the best actor Oscar in 1956?  |
|    | Yul Brynner  |
| 22 | Of Scottish origin, the dessert comprising raspberries, toasted oatmeal, honey, whisky and cream is called what?   |
|    | Cranachan  |
| 23 | Which 19th-century invention, with applications in agriculture and warfare, is the subject of museums in La Crosse, Kansas and McLean, Texas?  |
|    | Barbed wire  |
| 24 | If you took a carminative, what condition would you be trying to cure?   |
|    | Flatulence (accept wind or similar)  |
| 25 | What is the punning nickname of the New Zealand men's national basketball team?  |
|    | The Tall Blacks  |
| 26 | In mathematics, which letter is used to denote the square root of minus one?   |
|    | i  |
| 27 | What was the name of the Austro-Hungarian monk whose work on peas laid the framework of modern genetics?   |
|    | Gregor Mendel  |
| 28 | Which 18th Century War was ended by the Treaty of Utrecht?   |
|    | War of the Spanish Succession (1713)   |
| 29 | In mathematics, what name is given to a number that is equal to the sum of its positive divisors – the first such numbers being 6 and 28?  |
|    | <b>A perfect number</b> (e.g. 1 + 2 + 3 = 6 and 1 x 2 x 3 = 6)   |
| 30 | The ancient city of Antioch is in which modern-day country?  |
|    | Turkey   |
| 31 | What do we get from the tree <i>Quercus suber</i> ?  |
|    | Cork   |
|    | ı  |



| 32 | Which fictional villain's name means 'flight of death' in French?  |
|----|--|
|    | Voldemort  |
| 33 | The supergroup FFS is a collaboration between Sparks and which Scottish band?  |
|    | Franz Ferdinand  |
| 34 | The Great Red Dragon paintings are by which poet and artist?   |
|    | William Blake  |
| 35 | Eric Schmidt is about to step down as chairman of which technology company, the parent company of Google?  |
|    | Alphabet   |
| 36 | Maria Balshaw became director of which art institution in January 2017?  |
|    | Tate   |
| 37 | What would be the profession of someone with LRCVS after their name?   |
|    | Vet (Licentiate of the Royal College of Veterinary Surgeons)   |
| 38 | Who did US <i>Time</i> magazine vote Man of the Year in 1938?  |
|    | Adolf Hitler   |
| 39 | What nationality is shoe designer Jimmy Choo?  |
|    | Malaysian  |
| 40 | Which capital city is served by Chopin Airport?  |
|    | Warsaw   |
| 41 | Which country was the last to join the United Nations (in July 2011)?  |
|    | (The Republic of) South Sudan  |
| 42 | Which is the longest motorway in UK?   |
|    | The <b>M6</b> (232 miles)  |
| 43 | The medieval dyers from an English city mixed yellow dye from the plant weld with the blue of woad. What was the name of the resulting colour? (Two word answer – both are required) |
|    | Lincoln green  |
| 44 | In which US state is Dodge City?   |
|    | Kansas   |
| 45 | Which river does the iron bridge at Ironbridge span?   |
|    | The <b>Severn</b>  |
| 46 | How many players are there in an Australian Rules football team?   |
|    | 18   |
| 47 | Which Aviva Premiership rugby union team plays its home games at the Ricoh Arena?  |
|    | Wasps (also home to Coventry City FC)  |
| 48 | By what name is Hansen's disease better known?   |
|    | Leprosy  |
| 49 | Who wrote the poem that begins with the line, "The curfew tolls the knell of parting day"?   |
|    | Thomas <b>Gray</b> (Elegy Written in a Country Churchyard)   |



| 50 | Until the collapse of its spire in 1548, which English cathedral had, for 237 years, been the   |
|----|---|
| JU | tallest building in the world?  |
|    | Lincoln   |
| 51 | What was Elvis Presley's first No. 1 record in the UK?  |
|    | All Shook Up  |
| 52 | On which day did Solomon Grundy take ill?   |
|    | Thursday  |
| 3  | Where would you find a CCV code number?   |
|    | On the back of a <b>credit</b> or <b>debit card</b> (it's the three-digit security number)  |
| 54 | In 1961 which osteopath introduced Christine Keeler to John Profumo at Cliveden?  |
|    | Stephen Ward  |
| 55 | Praying Hands is a drawing from 1508 by which German artist?  |
|    | Albrecht <b>Durer</b>   |
| 6  | Which Bond film screenplay was written by Roald Dahl?   |
|    | You Only Live Twice   |
| 57 | What is the equivalent Army rank of a Royal Navy Commander?   |
|    | Lieutenant-Colonel  |
| 8  | What is the name of Anthony Powell's sequence of novels that begins with A Question of Upbringing and ends with Hearing Secret Harmonies? |
|    | A Dance to the Music of Time  |
| 9  | Who comes next in this sequence: Barbirolli, Loughran, Skrowaczewski, Nagano?   |
|    | (Mark) <b>Elder</b> (Principal Conductors of the Hallé Orchestra)   |
| 0  | Uranium has the atomic number 92. How are the elements with atomic numbers 93 to 118 collectively described?                              |
|    | Transuranic (allow transuranium)  |
| 51 | What is Neopalpa Donaldtrumpi?  |
|    | A newly-discovered species of <b>moth</b> (with blond scales on its head)   |
| 52 | Where was King Charles I buried?  |
|    | Windsor Castle (St. Georges Chapel)   |
| 53 | With what instrument was the jazz musician Art Tatum associated?  |
|    | Piano   |
| 54 | In Ancient Rome, the fugitivarii were hired to perform which recovery job?  |
|    | Capture and return runaway slaves   |
| 55 | What product is obtained from the plant Camellia sinensis?  |
|    | Теа   |
| 6  | Which geological period is sandwiched between the Cambrian and Silurian periods?  |
|    | Ordovician  |
| 57 | Robert Clive, Charles Darwin and Captain Matthew Webb were all born in which English county?  |
|    | Shropshire  |



| 68 | What is the SI unit of inductance?   |
|----|--|
|    | The henry  |
| 69 | What property do 1p coins minted after 1991 have which those minted prior to that date did not have?                           |
|    | They're <b>magnetic</b> (being made of copper-plated steel rather than bronze)   |
| 70 | Which British prime minister was a cousin of Rudyard Kipling?  |
|    | Stanley <b>Baldwin</b>   |
| 71 | Give a year in the life of Genghis Khan.   |
|    | AD <b>1162–1227</b>  |
| 72 | In which city is Mozart buried?  |
|    | Vienna   |
| 73 | Which 1944 American ballet, usually performed as an orchestral suite, makes use of the Shaker tune Simple Gifts?               |
|    | Appalachian Spring (by Aaron Copland)  |
| 74 | Tommy Shelby leads his gang in which British TV drama centred around Birmingham?   |
|    | Peaky Blinders   |
| 75 | Which darts player won the PDC World Championship title in January 2018 by beating Phil Taylor in his last professional match? |
|    | Rob Cross  |
| 76 | Name the lawyer in Dickens's <i>A Tale of Two Cities</i> who finally goes to the guillotine in place of another.               |
|    | Sydney Carton  |
| 77 | Which Nobel prize-winning writer shot himself in 1961?   |
|    | Ernest Hemingway   |
| 78 | Thank You For Being A Friend was the theme to which 1980s sitcom?  |
|    | The Golden Girls   |
| 79 | What is the usual occupation of the leprechaun of Irish legend?  |
|    | Shoemaker  |
| 80 | Where in the British Isles is Lady Isabella, the world's largest working water wheel?  |
|    | Isle of Man  |
| 81 | Which is Europe's largest port (both by size and by annual cargo throughput)?  |
|    | Rotterdam  |
| 82 | What aviation first was performed by Ellen Church in 1930?   |
|    | She was the first female <b>flight attendant</b>   |
| 83 | Who insured his taste buds for £250,000 in 1993?   |
|    | Egon <b>Ronay</b>  |
| 84 | Who married Margaret Kempson in 1942 and Margaret Roberts in 1951?   |
|    | Denis Thatcher   |
| 85 | Who was the last Liberal prime minister?   |
|    | David <b>Lloyd George</b>  |
|    | <u> </u>   |



| 86  | Who painted his grandson in the famous work <i>Bubbles</i> , which for many years was used to advertise Pears soap?           |
|-----|---|
|     | John Everett <b>Millais</b>   |
| 87  | Which of King Arthur's nephews had an encounter with the Green Knight?  |
|     | Sir <b>Gawain</b>   |
| 88  | In trigonometry, what is defined as the ratio of the adjacent to the hypotenuse?  |
|     | Cosine  |
| 89  | What shapes are attached to a line on a weather map to denote a warm front?   |
|     | Semicircles   |
| 90  | What name is given to the substance that covers a deer's antler when it is growing?   |
|     | Velvet  |
| 91  | What name is given to the mathematical series that starts 0, 1, 1, 2, 3, 5, 8, 13, 21?  |
|     | The <b>Fibonacci</b> Series (each number is the sum of the previous two)  |
| 92  | Elizabeth Siddal was the wife of, and one of the models for, which artist?  |
|     | Dante Gabriel <b>Rossetti</b>   |
| 93  | Which character in <i>The Magic Roundabout</i> rode a tricycle?   |
|     | Mr McHenry  |
| 94  | Who has won BBC Sports Personality of the Year the most times?  |
|     | Andy <b>Murray</b> (2013, 2015 and 2016)  |
| 95  | Tonya Harding arranged an attack on which fellow skater in 1994?  |
|     | Nancy Kerrigan  |
| 96  | What is the common name for the brightest star of the Ursa Minor constellation?   |
|     | Polaris (accept Pole Star or North Star)  |
| 97  | Who did US nurse Debbie Rowe famously marry in 1996?  |
|     | Michael Jackson   |
| 98  | Where in the human body is the sacrum bone?   |
|     | In the <b>pelvis</b> (above the coccyx - accept <b>bottom of spine</b> )  |
| 99  | Elon Musk is the CEO of which American company, that specialises in electric cars?  |
|     | Tesla (Inc.)  |
| 100 | What were the workers called in Willy Wonka's chocolate factory?  |
|     | Oompa Loompas   |
| 101 | The drug Sildenafil is more commonly known by what brand name?  |
|     | Viagra  |
| 102 | Which 1970s TV series centred on the haulage business of the Hammond family?  |
|     | The Brothers  |
| 103 | Which club (as of 21st Jan 2018) props up Serie A Italian football league with a name that loosely translates as 'good wind'? |
|     | Benevento   |



| 104 | Which company's anti virus software was in the news in late 2017, having been dropped by many because of its Russian heritage? |
|-----|--|
|     | Kaspersky  |
| 105 | Sheryl Sandberg is the COO (chief operating officer) of which major technology company?  |
|     | Facebook   |
| 106 | What links Ricky Martin, Alana Spencer and Tom Pellereau?  |
|     | They have all won the UK TV programme The Apprentice   |
| 107 | What currently is the engine capacity of a formula 1 car?  |
|     | <b>1.6 litres</b> or <b>1600cc</b> (since 2014)  |
| 108 | There is a limit to the number of bitcoins that can be mined: how many can ever be available?                                  |
|     | 21 million   |
| 109 | Alaska has the lowest population density of any US state, but which state has the lowest actual population (as of 2015)?       |
|     | <b>Wyoming</b> (586,107)   |
| 110 | If you swam directly west from Malta, in which African country would you arrive?   |
|     | Tunisia  |
| 111 | Which country shares borders with Thailand, Laos and Vietnam?  |
|     | Cambodia   |
| 112 | Which Englishman won golf's Race to Dubai in 2017?   |
|     | Tommy Fleetwood  |
| 113 | Which chocolate fruit was the predecessor to the Terry's Chocolate Orange?   |
|     | Apple (there was a short lived chocolate lemon, but much later)  |
| 114 | Which building was designed by William van Alen and is one of the most striking features of the Manhattan skyline?             |
|     | The Chrysler Building  |
| 115 | Who is the President of Syria (as at 21st January 2018)?   |
|     | Bashar al- <b>Assad</b>  |
| 116 | In which Austrian city can you go on the Sound of Music tour?  |
|     | Salzburg   |
| 117 | Disgusting-sounding ailments no.1: What is Borborygmus?  |
|     | Noises made by the stomach (caused by the movement of fluid and gas)   |
| 118 | Which unit of measurement was defined by Edward II of England by placing three barleycorns in a line?                          |
|     | An <b>inch</b>   |
| 119 | What is the main use for the chemical ethylene glycol?   |
|     | Antifreeze (accept coolant)  |
| 120 | Which computer operating system has a penguin as its logo?   |
|     | Linux  |

#### Supplementaries:

| 1  | According to the Office of Rail Regulation, which British railway station saw the largest number of passengers in the financial year 2015–16? |
|----|---|
|    | London Waterloo   |
| 2  | Maria Ann Smith of Ryde, NSW, Australia, produced a new variety of fruit in 1868. What is it called?  |
|    | A Granny Smith (apple)  |
| 3  | In which English county is Tintagel?  |
|    | Cornwall  |
| 4  | Who is the President of Zimbabwe (as at 21 January 2018)?   |
|    | Emmerson Mnangagwa  |
| 5  | Which jazz trumpeter was nicknamed Satchmo?   |
|    | Louis Armstrong   |
| 6  | Which band did Ronnie Wood leave to join the Rolling Stones?  |
|    | The Faces   |
| 7  | Who had a 1992 album called "Diva"?   |
|    | Annie <b>Lennox</b>   |
| 8  | In which opera do you find Lieutenant Pinkerton?  |
|    | Madame Butterfly  |
| 9  | Which word, commonly used in English and other languages, is the Tamil word for 'sauce'?  |
|    | Curry   |
| 10 | If, in a bar, you were given a Mickey Finn, what would you have?  |
|    | A drugged drink   |
|    |   |

#### Tie breakers:

| 1 | What is the seating capacity of Wimbledon's Centre Court?        |
|---|--|
|   | 14,979   |
| 2 | What was the population of Cheshire East as per the 2011 Census? |
|   | 370,127  |