

ROUND 3 - Waterways of Britain

A round on the canals which you might see whilst travelling around the north of the British Isles, again discussion is discouraged.

- 1A.** What name is given to the short waterway by which you can leave the Lancaster Canal near Preston and travel on to the main inland waterways network? Ans: **The Ribble Link**
- 1B.** Close to which locally well-known hotel does the navigable section of the Lancaster Canal now terminate at it's northern end? Ans: **Longlands Hotel** at Tewitfield
- 2A.** Only three canals were ever operated, in part or whole, in what is now Cumbria. The Lancaster and Ulverston Canals were two, name the other? Ans: **Carlisle Canal**
- 2B.** Which short Scottish canal links Loch Fyne with the Sound of Jura? Ans: **Crinan Canal**
- 3A.** Which wide canal is the most northerly in Britain? Ans: **Caledonian Canal**
- 3B.** Three canals were constructed to cross the Pennines, the Leeds and Liverpool and the Huddersfield were two but which was the third? Ans: **Rochdale Canal**
- 4A.** Which of the seven wonders of Britain's inland waterways carries the Bridgewater Canal over the Manchester ship canal? Ans: **Barton Swing Aqueduct**
- 4B.** Which of the seven wonders of the British inland waterways links the Trent and Mersey Canal with the River Weaver in Cheshire? Ans: **Anderton Boat Lift**

Spare: Read to yourself before reading the question: Question master is asked to accept reasonable attempts at pronouncing this answer, but this should not be announced until the answer is given, for obvious reasons. That is, if it is clear that the contestant knows the answer but is struggling to pronounce it, their answer should be accepted.

Which of the seven wonders of Britain's inland waterways carries the Llangollen Canal over the River Dee in North Wales? Ans: **Poncysyllte Aqueduct**
(Roughly pronounced as Pont - key - silty)

ROUND 4 - The Science of War

It is often said that technology develops fastest in time of war, so here is a round on such scientific and engineering innovations. It is suggested that there should be no discussion during the round. The required answer is in bold type.

- 1A.** He is credited with developing the first practical machine gun in 1883, developments of his basic design served with horrific effectiveness on both the German and Allied sides during World War 1, name this engineer and entrepreneur? Ans: Sir Hiram **Maxim**
- 1B.** This British aeronautical engineer, 1907 to 1996, is credited with developing the jet engine, what was his name? Ans: Sir Frank **Whittle**
- 2A.** Though he did not live to see his famous design fight in World War 2 he was the genius behind the Schneider Trophy winning Supermarine seaplanes and the Spitfire, name him? Ans: Reginald (AKA RJ) **Mitchell**
- 2B.** This American firearms designer, who designed the M2 heavy machine gun in 1919, is often considered the greatest firearms designer in history. His M2 (AKA Ma Deuce) is still in service with the US armed forces. Name him? Ans: John **Browning**

- 3A.** Name the eccentric British mathematician, 1912 to 1954, who led the team of code breakers at Bletchley Park and helped to design the 'Colossus' code breaking computer? Ans: Alan **Turing**
- 3B.** Robert Watson - Watt was instrumental in developing the cavity magnetron. Which force multiplying innovation, first deployed during World War 2, relied on the cavity magnetron to function? Ans: Airborne **Radar**
- 4A.** What name was given to the artificial harbours devised to serve the Allied landings in the period after D Day in 1944? Ans: **Mulberrys**
- 4B.** Special swimming versions of the Sherman tank were devised and first deployed on D Day, what name was given to them? Ans: **Duplex Drive** (do not accept DD, give the player the chance to expand their answer)
- Spare:** During World War 1 which Dutch engineer designed an 'interrupter gear' to allow machine guns on fighter aircraft to fire through the propeller arc? Ans: Anthony **Fokker**

ROUND 5 - Simple mathematics

- 1A.** What is 5/8th (five eighths) expressed as a decimal number? Ans: **0.625** (nought point six two five)
- 1B.** What is the decimal number 0.875 (nought point eight seven five) expressed as a fraction. Ans: **7/8th** (seven eighths)
- 2A.** For a right angle triangle what Theorem defines 'The square of hypotenuse equals the sum of the square of the adjacent side and the square of the opposite side'. Ans: **Pythagoras**
- 2B.** State the formula for the area of a circle. Ans: **πr^2** (pi times the radius squared). Accept **$\pi d^2/4$** (pi times the diameter squared divided by four)
- 3A.** Divide the number of residential property sites and utility sites on a standard monopoly board by the number of furlongs in a mile. Ans: **3**
(22 residential sites plus 2 utility companies divided by 8 furlongs)
- 3B.** Divide the house number on Pennsylvania Avenue of the White House by the number of chess pieces on the board at the beginning of a game. Ans: **50** (1600 divided by 32)
- 4A.** Multiply the number of chains in a furlong by the number of fluid ounces in a quart. Ans: **400**
(10 chains to a furlong and 40 fluid ounces in a quart)
- 4B.** Multiply the number of edges/sides (not including the faces) on a threepenny bit (old money) by the number of the Chancellors official Downing Street residence. Ans: **132**
(12 edges/sides and No 11 Downing Street)

- Spares:** 1) What is six cubed. Ans: **216** (six times six times six)
2) What is the cube root of 27. Ans: **3** (three times three times three)

ROUND 6 - Medical Matters

- 1A.** Which is the only blood vessel that carries oxygenated blood? Ans: **Pulmonary** Vein/Artery
- 1B.** Where in the body are the Islets of Langerhans? Ans: **Pancreas**
- 2A.** Which glands sit on top of the kidneys? Ans: **Adrenal**
- 2B.** Name two of the four lobes of the brain? Ans: **Temporal, Occipital, Frontal** or **Parietal**

- 3A.** In the field of epidemiology, what does CJD stand for? Ans: **Creutzfeldt - Jakob Disease**
- 3B.** Whooping Cough is the common name for which disease? Ans: **Pertussis**
- 4A.** Which blood group is known as the “universal recipient”? Ans: **AB+**
- 4B.** From which natural source was Aspirin first derived? Ans: **Willow** Tree

Spare. Name one of the two pioneers of Polio vaccinations? Ans: Jonas **Salk** or Albert **Sabin**

ROUND 7 - A round on Television.

- 1A.** What was the name of the Club most frequented by Arthur Daley in Minder. Ans: **The Winchester**
- 1B.** What is the name of the block of flats where the Trotters live in Only Fools And Horses? Ans: **Nelson Mandela House**
- 2A.** Who played Father Peter Clifford in Ballykissangel? Ans: **Stephen Tompkinson**
- 2B.** Who played Rene Artois in ‘Allo Allo’? Ans: **Gorden Kaye**
- 3A.** On TV, what is Father Ted’s Surname? Ans: **Crilly**
- 3B.** Glenbogle is the stately home in which TV series? Ans: **Monarch Of The Glen**
- 4A.** In what year did ITV start broadcasting? Ans: **1955** (September)
- 4B.** In what year was Channel 4 launched? Ans: **1982** (November)
- Spare:** 1) Who plays Hyacinth Bucket in ‘Keeping Up Appearances’? Ans: Patricia **Routledge**
- 2) What is Postman Pat’s surname? Ans: **Clifton**

ROUND 8 - GENERAL

- 1A.** Name the car regularly driven by Bo and Luke Duke in the Dukes of Hazzard? Ans: **General Lee**
- 1B.** What is the name of the newspaper launched by the owners of the independent in November 2010? Ans: **!**
- 2A.** Derek Smalls and Nigel Tufnell were founder members of which spoof rock band? Ans: **Spinal Tap**
- 2B.** Who shot Bobby Kennedy? Ans: **Sirhan Sirhan**
- 3A.** Atticus Finch is the central character of which great 20th century novel? Ans: **To Kill a Mockingbird**
- 3B.** Who had a hit with the song ‘Gordon is a Moron’? Ans: **Jilted John**
- 4A.** Which metal has the chemical symbol Ag? Ans: **Silver**
- 4B.** By what name is the fruit of the horse chestnut commonly referred? Ans: **Conker**
- Spares** 1) The Eurostar passenger train leaves from which London terminus? Ans: **St Pancras**
- 2) After which actor is the final bend on the Top Gear race track named? Ans: **Michael Gambon**
- 3) You may have uPVC replacement windows at home but does the ‘u’ stand for? Ans: **Unplasticised**