

Science Table Quiz 2013

Science in 2013

1. Chelyabinsk
2. Higgs, Englert, Karplus, Levitt, Warshel, Rothman, Schekman, Südhof
3. See above
4. Comet (Comet Iton – visible soon)
5. Richard III
6. Lake Vostok
7. Five
8. Voyager 1
9. Sleep
10. Gaia

Zoology: Irish Native Fauna

- 1. Viviparous lizard**
- 2. Basking shark**
- 3. Pygmy shrew**
- 4. Red deer**
- 5. Natterjack toad**
- 6. Mistle thrush**
- 7. Bottlenose dolphin**
- 8. Brown rat**
- 9. Tawny owl**
- 10. Pine marten**

Earth Sciences

1. Tropic of Capricorn
2. 25,000
3. Benguela current
4. Typhoon
5. 7
6. c) < 10 ppm
7. Dobson
8. 400 ppm
9. a) 1 m
10. Igneous

Mathematics

1. 90°
2. $\cos x$
3. 362880
4. Geometric progression
5. Fibonacci
6. 135°
7. The cube
8. The hyperbola
9. Bertrand Russell
10. Leibnitz

Medicine & Physiology

1. Femur
2. Stapes (stirrup)
3. Warfarin
4. Penicillin
5. Measles
6. Cornea
7. Bubonic plague (& pneumonic & septicemic plague).
8. None (or many & variable – there are arrector pili muscles that cause goosebumps).
9. Vitamin D
10. Body Mass Index

Physics

1. The gravitational constant
2. Higgs boson
3. Parsec
4. Microwaves
5. 3
6. Belfast
7. The distance
8. 2
9. Refractive Index
10. Coefficient of Thermal Expansion

Chemistry

1. 19
2. Margaret Roberts (later Mrs Thatcher) (she did her 4th year project under Dorothy Hodgkin!)
3. Borodin
4. KMnO_4
5. VII (7)
6. Ethanoic acid
7. ^{238}U (or U-238)
8. Nylon
9. Dyestuff
10. Neodymium

Miscellaneous Acronyms

1. **DichloroDiphenylTrichloroethane**
2. **PolyEthylene Terephthallate**
3. **Computed Axial Tomography (or computer assisted tomography)**
4. **Before the Common Era (also Current or Christian)**
5. **Japan Electron Optics Laboratory.**
6. **Biochemical Oxygen Demand (or Biological...)**
7. **HyperText Transfer Protocol**
8. **Light Amplification by Stimulated Emission of Radiation**
9. **Intergovernmental Panel on Climate Change**
10. **Strategic Homeland Intervention, Enforcement and Logistics Division** (also allowed: Supreme Headquarters, International Espionage, Law-Enforcement Division and Strategic Hazard Intervention Espionage Logistics Directorate)

Botany - Trees

1. Larch
2. Black Poplar
3. London Plane
4. Alder
5. Rowan
6. Douglas Fir
7. Scots Pine
8. Sycamore
9. Holly
10. May Tree

Science Fiction

- 1. DC Comics (originally Detective Comics)**
- 2. Time and Relative Dimension in Space**
- 3. Peter Capaldi**
- 4. Jon Favreau**
- 5. Michael Crichton**
- 6. Chris Pine**
- 7. 3rd Rock from the Sun**
- 8. A Lobster**
- 9. Iain M Banks**
- 10. Ender's Game**