



Science Table Quiz 2009

Answers



Chemistry



1. White/very pale blue when pure (blue = hydrated = half a mark)
2. Sulphur
3. Esters
4. Increase
5. Hydrogen cyanide
6. Superglue (SuperAttak, Crazy Glue etc)
7. Petri
8. Litmus
9. Acetylene (ethyne)
10. Yellow



Engineering Achievements



1. **Wright Brothers' "Flyer" (accept Kitty Hawk)**
2. **Messerschmitt (Me) 262**
3. **Mallard**
4. **Rocket**
5. **Thrust SSC**
6. **Sputnik**
7. **Hubble Space Telescope**
8. **Hoover Dam**
9. **Petronas tower(s)**
10. **Millau viaduct**



Biology – record holders



1. **Blue Whale**
2. **200 mph**
3. **Hottest chili (1 million on Scoville scale, Jalapeno = 4000)**
4. **Great Bustard**
5. **Komodo Dragon**
6. **Smallest mammal**
7. **Sequoia (Californian Redwood)**
8. **Oldest plant on earth (ca 43,000 years old).**
9. **Malaria parasite - Plasmodium (falciparum)**
10. **Sweetest fruit.**



Mathematics & IT

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1. Fermat
2. $x = 0.5$ and $x = -3$
3. 12
4. Algebra
5. Windows 7
6. Twitter
7. The Bell Curve
8. Silicon Valley
9. Linux
10. Hewlett-Packard or Dell



Physiology – the Human Skeleton

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1. hand
2. 8
3. femur
4. Stapes (stirrup) in the ear
5. clavicle
6. Shoulder blade
7. 33
8. Lower leg
9. Lower arm
10. 2



Astronomy



1. **Ice (or water)**
2. **The Sun**
3. **Mercury**
4. **Rovers: Spirit & Opportunity (half mark for Rovers)**
5. **The Crab Nebula**
6. **Sirius (Dog Star)**
7. **Venus**
8. **Heaven's Gate**
9. **Uranus**
10. **A (supermassive) black hole**



Physics: Nobel Laureates

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1. **Roentgen**
2. **The Curies**
3. **Thomson**
4. **Marconi**
5. **The Braggs**
6. **Planck**
7. **Einstein**
8. **Bohr**
9. **Millikan**
10. **Raman**



Medicine

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1. **hemagglutinin**
2. **5000**
3. **St John's Wort**
4. **Paracetamol**
5. **Christiaan Barnard**
6. **Glaucoma**
7. **Mary Harney (Ireland)/Andy Burnham (UK Secretary of State for Health)**
8. **Arthritis**
9. **Jenner**
10. **Bismuth**



A Miscellany



1. Tea
2. None (A)
3. Hooke's law
4. Chloroplasts
5. Mitochondria
6. They result in precipitation. (Rain is OK)
7. Fleming
8. 40,000 km/25000 miles
9. Paracelsus
10. Borodin



Science Fiction

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1. **Captain Scarlet**
2. **Dr Who**
3. **Brainiac**
4. **ET**
5. **Yoda**
6. **HAL (from 2001)**
7. **Green Lantern**
8. **Seven of Nine**
9. **Incredible Hulk**
10. **Leslie Nielsen**

