

# SCIENCE TRIVIA QUESTIONS XI



( [www.TriviaChamp.com](http://www.TriviaChamp.com) )

1> What animal's heart kept Baby Fae alive in 1999?

- a. Cat
- b. Baboon
- c. Guinea pig
- d. Dog

2> This animal's memory isn't so special, it doesn't die en masse in graveyards, and it's not so much that they're scared of mice, but that they can be surprised by them in confined spaces. What are these pachyderms?

- a. Hippos
- b. Elephants
- c. Rhinos
- d. Crocodiles

3> What theory first appeared in a 1905 paper called "On the Electrodynamics of Moving Bodies"?

- a. Plate tectonics
- b. Special theory of relativity
- c. Ego, id and superego
- d. Atomic theory

4> Which of these units of distance is longest?

- a. Astronomical unit
- b. Light-year
- c. Parsec
- d. Cubit

5> He flew on Gemini 3 and Gemini 10, went to the Moon twice on Apollo 10 and Apollo 16 and flew two space shuttle missions (including the first). Who was he?

- a. Alan Shepard
- b. Mike Melvill
- c. John Young
- d. Franklin Chang-Diaz

6> In 1903, Serbian mathematician Mileva Maric married one of her classmates and may have played a key role in his most famous discovery. Who was her hubby?

- a. Albert Einstein
- b. Nikola Tesla
- c. Pierre Curie
- d. Guglielmo Marconi

7> In August 1983, who became the first black person in space?

- a. Guion Bluford
- b. Arnaldo Tamayo Mendez
- c. Ronald McNair
- d. Mae Jemison

8> What does an astronomer use a bolometer for?

- a. To measure the distance of a star
- b. To measure the heat of stars
- c. To gauge parallax
- d. To measure bolos

9> Which of these is not one of the three periods in the Mesozoic Era?

- a. Triassic
- b. Jurassic
- c. Precambrian
- d. Cretaceous

10> Amedeo Avogadro's eponymous law covers the volume, temperature and pressure of what?

- a. Gases
- b. Liquids
- c. Solids
- d. Love in Venice

11> Who is credited for coming up with the idea for a working atomic bomb on September 12, 1933, while he was waiting for a red light on Southampton Row in Bloomsbury?

- a. Enrico Fermi
- b. Ernest Rutherford
- c. Leo Szilard
- d. Neils Bohr

12> The spin of the Earth's axis is not a straight line. This "wobble" has a name that sounds like it was named for one of NBC's "Friends". What is it called?

- a. Chandler Wobble
- b. Gellar Wobble
- c. Phoebe Wobble
- d. Tribbiani Wobble

13> In 1886, Karl Benz and Gottlieb Daimler drove the first car, a three-wheeled vehicle with an internal-combustion engine, through the streets of what city?

- a. Vienna
- b. Munich
- c. Detroit
- d. London

14> What did Albert Einstein write to Franklin Roosevelt about in a famous 1939 letter?

- a. His need for a US visa
- b. The possibility of space flight
- c. The atomic bomb
- d. The Holocaust

15> In 1983, what unit of measure was defined as the distance that light can travel in  $1/299,792,458$  of a second?

- a. 1 mile
- b. 1 foot
- c. 1 meter
- d. 1 inch

**Answers:**

- 1> Baboon - Unfortunately, Fae died 21 days after receiving the heart of a kidney infection.
- 2> Elephants - Elephants are herbivores. Their diet consists of leaves, twigs, fruit, bark and roots.
- 3> Special theory of relativity - Written by Albert Einstein.
- 4> Parsec - Used in astronomy, 1 Parsec =  $3.08567758 \times 10^{16}$  meters.
- 5> John Young - Young is the ninth person to walk on the Moon.
- 6> Albert Einstein - Although there is much speculation, there are no strong arguments to support the idea that Maric helped Einstein to develop his theories.
- 7> Arnaldo Tamayo Mendez - He was also the first Hispanic in space.
- 8> To measure the heat of stars - The bolometer was invented by the American astronomer Samuel Langley in 1878.
- 9> Precambrian - Precambrian refers to the large span of time in Earth's history before the current Phanerozoic Eon.
- 10> Gases - When first introduced, the scientific community did not give much attention to his theory.
- 11> Leo Szilard - Sadly, Szilard never received the Nobel Prize, but others were awarded the Prize as a result of their work on his inventions.
- 12> Chandler Wobble - American astronomer Seth Chandler first discovered the Chandler Wobble in 1891.
- 13> Munich - Karl Benz is the inventor of the gasoline-powered automobile.
- 14> The atomic bomb - Einstein became a US citizen in 1940.
- 15> 1 meter - The speed of light is 299,792,458 metres per second.