

Exun 2013

Junior Quiz Finals

Rules

- Five rounds in the quiz finals
- All rounds progress on a normal direct-and-pass system
- Scoring for each round will be mentioned before the round begins
- Quizmaster's decision is final and binding on all teams

+10 for a direct / +5 for a pass

Round 1: Acronyms

Question 1

PEBKAC

Answer 1

Problem Exists Between Keyboard And Chair
(a term used for user error)

Question 2

AIFF

Answer 2

Audio Interchange File Format

Question 3

RAID

Answer 3

Redundant Array of Independent / Inexpensive
Disks

Question 4

SATA

Answer 4

Serial Advanced Technology Attachment

Question 5

CRM

Answer 5

Customer Relationship Management

Question 6

EXIF

Answer 6

Exchangeable Image File Format

Question 7

ODBC

Answer 7

Open Database Connectivity

Question 8

SCART

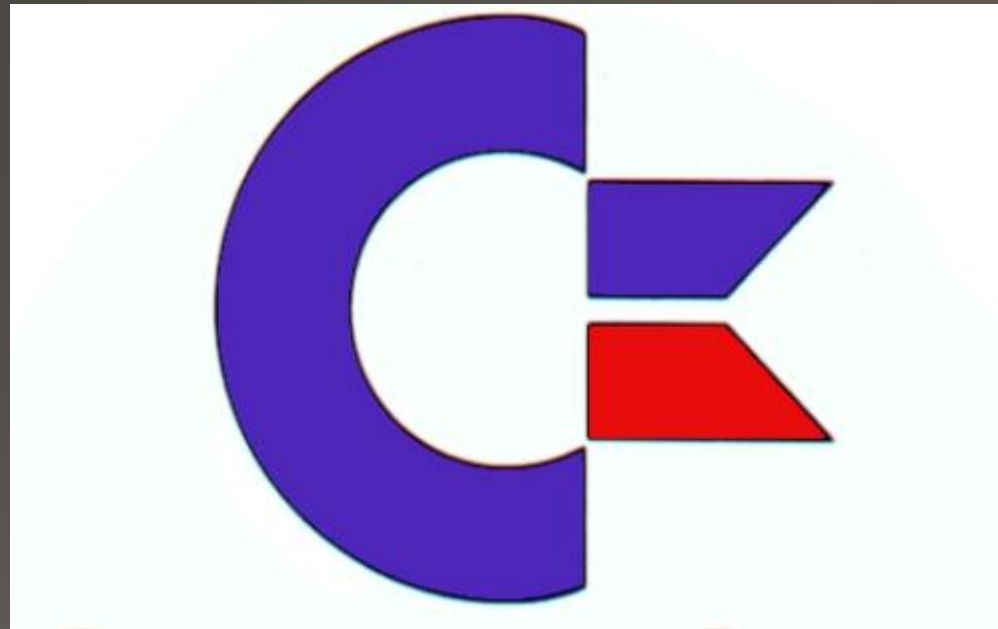
Answer 8

Syndicat des Constructeurs d'Appareils
Radiorécepteurs et Téléviseurs

+10 for a direct / +5 for a pass

Round 2: Logos

Question 1



Answer 1

Commodore International

Question 2



Answer 2

Seagate Technology

Question 3



Answer 3

Xerox

Question 4



Answer 4

Atari

Question 5



Answer 5

Ericsson

Question 6



Answer 6

Sprint

Question 7



Answer 7

Path

Question 8



Answer 8

Spotify

+10 for a direct / +5 for a pass

Round 3: People

Question 1



Answer 1

Bill Gates. He was arrested for speeding.

Question 2



Answer 2

Larry Ellison. He loves yachting and participates competitively in the America's Cup.

Question 3



Answer 3

Sergey Brin. He rode the New York subway wearing Google Glass.

Question 4



Answer 4

Grace Hopper. She discovered (and coined) the term 'bug'.

Question 5



Answer 5

Sir Jony Ive, receiving his knighthood in this picture.

Question 6



Answer 6

Sunil Mittal, of Airtel

Question 7



Answer 7

Steve Wozniak. He made a cameo appearance in an episode of the sitcom *Big Bang Theory*.

Question 8



Answer 8

Scott McNealy, of Sun Microsystems

+10 for a direct / +5 for a pass

Round 4: Hardware

Question 1

If your hard disk is “thrashing”, what is happening?

Answer 1

When a system runs out of space in physical memory (RAM), the hard disk ends up being used as virtual memory

Question 2

What is the function of a “bus” on a motherboard?

Answer 2

A set of wires that allows the motherboard to connect and communicate with other parts of the system, including the CPU

Question 3

The terms “MHz” and “GHz” are very commonly used when describing processors. What do they signify?

Answer 3

The clock rate at which the processor runs, i.e., the number of computing cycles it takes the processor to complete a calculation. A higher clock speed doesn't necessarily mean a processor is "faster".

Question 4

What conditions must be accounted for if you are “overclocking” a processor?

Answer 4

Overclocking, i.e., increasing the clock speed of a processor increasing power consumption, the amount of heat dissipated by a system, and can also affect the functional integrity of computations being processed.

Question 5

When a camera is quoted to “have” a certain number of “megapixels”, how does that actually relate to picture quality?

Answer 5

Megapixels only refers to the output resolution of the images produced by a camera and may not have a direct relation to quality, which is also dictated by sensor size.

Question 6

What technology is used for the travel cards used on the Delhi Metro and how does it work?

Answer 6

Passive RFID technology, that works by powering up a radio chip through induction when the card is held in close proximity to a card reader

Question 7

How does “pairing” work for Bluetooth devices and what is the point of the process?

Answer 7

Bluetooth pairing involves two devices sharing a key that allows them to cryptographically authenticate each other. In legacy devices, this is done by entering a numeric PIN, but on newer devices this is done automatically except for a user confirmation prompt.

Question 8

Briefly explain the difference between TDMA and CDMA.

Answer 8

In TDMA (Time Division Multiple Access), the channel is divided into sequential slots with data from each user carried on a round-robin basis. In CDMA (Code Division Multiple Access), the channel spectrum is split up into different parts and data is divided into chunks transferred over this 'spread spectrum'.

+10 for a direct, +5 for a pass; +20 / -10 if you "double"

Round 5: India

Question 1

His real name is Satyanarayan Gangaram but he's popularly known as _____. He is the CEO of C-__ Inc which has its headquarters in Chicago. He is the currently Advisor to the Prime Minister of India on Public Information Infrastructure & Innovations. He is also considered responsible for India's communications revolution. Identify him.

Answer 1

Sam Pithroda

Question 2

This company was founded in 2007 by Sachin Bansal and Binny Bansal, both alumni of the Indian Institute of Technology Delhi. The company is currently valued at \$1.5 billion.
Which company?

Answer 2

Flipkart

Question 3

Which was the first Indian company to be listed on the NASDAQ stock exchange?

Answer 3

Infosys (in March 1999)

Question 4

This company was established in 1998 by R Ramaraj. When the state-run VSNL lost its monopoly for providing Internet access in India, it was one of the first private sector companies to become an ISP. Name the company.

Answer 4

Sify Technologies

Question 5

She started off her career at TCS, later joining Ernst & Young's consulting business. Later, E&Y sold this unit to Capgemini, where she is the CEO for the Indian division that deals with outsourcing operations. Who is she?



Answer 8

Aruna Jayanthi

Question 6

The desire for a device like this came from an earlier project called Simputer, which was supposed to be a low-cost computer for the masses. Currently, the device is made by a company called DataWind. Tell me what the device is called when sold commercially.

Answer 6

Ubislate (the device being referred to is the Aakash tablet)

Question 7

He heads the Indian government's technology committee called TAGUP (Technology Advisory Group for Unique Projects). He is otherwise better known for his work in two other organisations. Who is he?

Answer 7

Nandan Nilekani, of Infosys and Aadhaar initiative fame.

Question 8

This company started off as a manufacturer of vegetable ghee, vanaspati, and refined oils in district Jalgaon, Maharashtra, under the trade names of Kisan, Sunflower and Camel. After the death of his father (and founder) in 1966, the son returned from Stanford University and took over the company. During the 70s, it shifted its focus to IT. Name the son.

Answer 8

Azim Premji (of Wipro)

Created by Ankur Banerjee

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