

CDGI'S  
CHAMELI DEVI SCHOOL OF ENGINEERING  
FACULTY DEVELOPMENT PROGRAMME

DECEMBER, 29<sup>th</sup> 2012



**EXPLANATIONS!!!**

BY:-  
ABHISHEK DUBEY  
LECTURER, EX Dept.

In which decade was the American Institute of Electrical Engineers (AIEE) founded?

- **Answer: B 1880s**
- **Explanation:** The IEEE (Institute of Electrical and Electronics Engineers) was formed in 1963 by the merger of the Institute of Radio Engineers (IRE, founded 1912) and the American Institute of Electrical Engineers (AIEE, founded 1884).

# Who developed Yahoo?

- Answer: B **David Filo & Jerry Yang**
- **Yahoo!. was founded by Jerry Yang and David Filo in January 1994 and was incorporated on March 1, 1995. On July 16, 2012, former Google executive, Marissa Mayer, was named as Yahoo CEO and President**

The most common format for a home video recorder is VHS. VHS stands for...?

- **Answer:** Video Home System

- **Explanation:**

JVC (Japan Victor Corporation) and Matsushita (Panasonic) developed the VHS format to compete with Sony which developed the Beta format as the first home video cassette recorder. VHS originally stood for Vertical Helical Scan, but now means Video Home System.

Which of the following has a 51:49 joint venture with Japanese automobile company Nissan for manufacturing light commercial vehicles in India?

D. Bajaj Auto

In November 2009, the Renault-Nissan Alliance and Bajaj Auto Ltd. announced their intention to partner on the development of an innovative new four-wheel product for the Indian and other emerging markets.

Which one among the following is the fastest Indian Super-computer recently developed by ISRO?

A. Saga-220

- **Explanation:** The new Graphic Processing Unit (GPU) based supercomputer named "SAGA-220" (Supercomputer for Aerospace with GPU Architecture-220 TeraFLOPS) is being used by space scientists for solving complex aerospace problems. The supercomputer SAGA-220 was inaugurated by Dr K Radhakrishnan, Chairman, ISRO at VSSC.



In the year 2011, a missile named 'PRAHAR', developed by DRDO was test fired. This is a ~

### **C. Surface to Surface short range missile.**

Prahar is developed to provide a cost effective, quick reaction, all-weather, all-terrain, highly accurate battlefield support tactical system. The development of the missile was carried out by the DRDO scientists in a span of less than two years. The missile fills the short-range tactical battlefield missile role as required by the Indian Army and the Indian Air Force.



# The pH of human blood is normally around

A) 7.5-8.0

- Normally the pH of the human body is fixed in a very narrow range between 7.35 and 7.45. A patient with an acidic blood pH of 7.3 may be treated with sodium bicarbonate.
- Different fluids in the human body generally have a delicate range of acid-alkaline balance they maintain for optimal functioning. Human blood has a normal pH of about 7.41. The pH of urine has a wider range. Normal ranges for urine pH are from 4.5 to 8.



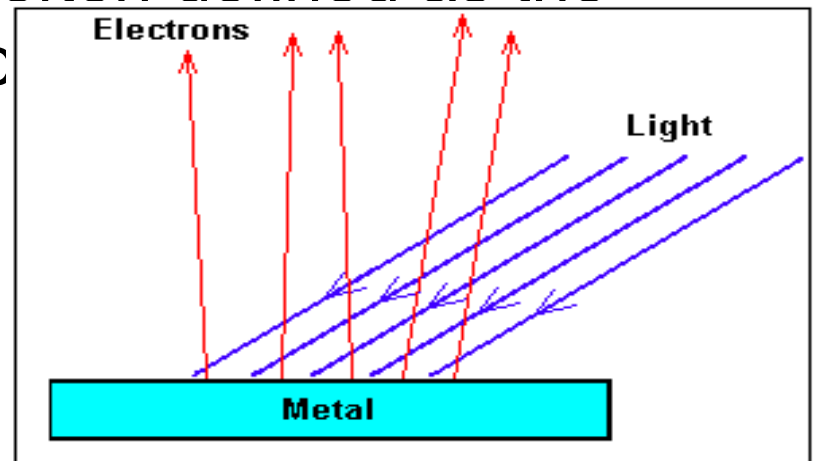
next



# Photoelectric effect was discovered by?

- (B)Hertz

The photoelectric effect was discovered in 1887 by the German physicist Heinrich Rudolf Hertz. photoelectric effect, phenomenon in which electrically charged particles are released from or within a material when it absorbs electromagnetic radiation. The effect is often defined as the ejection of electrons from a material when light falls on it



The photoelectric effect

A 600 MW solar power park, touted as Asia's first and largest, was dedicated to the person of which one of the following places?

D) Patan, Gujarat

A 600 MW solar power park, touted as Asia's first and largest, was Thursday dedicated to the nation by Gujarat Chief Minister Narendra Modi in the state's Patan district, in a boost to India's efforts towards low carbon growth.

Compact discs, (according to the original CD specifications) hold how many minutes of music?

- **A. 74 mins**

Who co-founded Hotmail in 1996 and then sold the company to Microsoft?

C. Sabeer Bhatia

In which one of the following States was the first UID card issued?

A) Maharashtra

UIDAI launched AADHAAR program in the tribal village, Tembhli, in Shahada, Nandurbar, Maharashtra on 29 September 2010. The program was inaugurated by Prime Minister, Manmohan Singh along with UPA chairperson Sonia Gandhi.<sup>[11]</sup> The first resident to receive an AADHAAR was Ranjana Sonawane of Tembhli village.

The first Credit Information Company in India was  
C.CIBIL

**CIBIL** is India's first credit information bureau. It's a repository of information, which contains the credit history of commercial and consumer borrowers. CIBIL provides this information to its members in the form of credit information reports.

# When did India Join the International Tsunami Warning System?

C. 2006

The **Indian Ocean Tsunami Warning System** is a tsunami warning system set up to provide warning to inhabitants of nations bordering the Indian Ocean of approaching tsunamis. It was agreed to in a United Nations conference held in January 2005 in Kobe, Japan as an initial step towards an International Early Warning Programme.

The system became active in late June 2006 following the leadership of UNESCO. It consists of 25 seismographic stations relaying information to 26 national tsunami information centers, as well as three deep-ocean sensors

# Who invented chloroform as anaesthetic?

B. James Simpson

Chloroform was once a widely used anesthetic. Its vapor depresses the central nervous system of a patient, allowing a doctor to perform various otherwise painful procedures. On 4 November 1847, the Scottish obstetrician James Young Simpson discovered the anaesthetic qualities of chloroform when he and his friends were experimenting with different substances on themselves in search of a replacement for ether as a general anesthetic.



# Which of the following company produces Electronic Voting Machines?

## D) Bharat Electronics Limited, India

- The EVMs were devised and designed by Election Commission of India in collaboration with two Public Sector undertakings viz., Bharat Electronics Limited, Bangalore and Electronics Corporation of India Limited, Hyderabad. The EVMs are now manufactured by the above two undertakings.
- EVMs were first used in 1982 in the by-election to North Paravur Assembly Constituency of Kerala for a limited number of polling stations (50 polling stations)



**Any Query??**