

Scope out the Site!

How much do you know about engineering? Take this little quiz and find out!

1. What is the fastest growing engineering discipline?
 - a. Nuclear
 - b. Biomedical
 - c. Environmental
 - d. Bobsledding
2. At the Woods Hole Oceanographic Institute, Hanumant Singh's robots help do what?
 - a. Help him water-ski
 - b. Explore ancient shipwrecks
 - c. Map the seabeds
 - d. Monitor pollution
3. The best definition of a sustainable building is one that
 - a. Lasts at least 50 years
 - b. Doesn't use air-conditioning
 - c. Uses energy more efficiently, for less waste and pollution
 - d. Can withstand heavy shocks, like earthquakes
4. How can new computer technologies realistically help our health care system?
 - a. Provide robotic delivery of simple medical treatments
 - b. Provide earlier detection for diseases through computer imaging
 - c. Perform surgery at remote locations
 - d. All of the above
5. Manufacturing engineers have devised a new tape that imitates the natural sticky ability of
 - a. Geckos
 - b. Spiders
 - c. Six-year olds
 - d. Chewing gum
6. CSI forensic specialists help solve murders, but material engineers, use forensics to
 - a. Prevent murders
 - b. Create composite materials
 - c. Build a Shrink-Ray
 - d. Determine why bridges, devices, and cars fail
7. Which power source is an important transition between dirty petroleum and clean energy sources such as wind and solar power?
 - a. Natural gas
 - b. Coal
 - c. Water power
 - d. Hydrogen fuel cells
8. Engineers have created innovative machines to explore our oceans. How much ocean is still unexplored?
 - a. 40%
 - b. 65%
 - c. 85%
 - d. 95%
9. Which type of engineer can be seen making race cars and golf balls go faster?
 - a. Industrial/Manufacturing
 - b. Aerospace
 - c. Materials
 - d. Computer
10. Robert Wood's tiny robots one day might be used to keep track of terrorists. What do they look like?
 - a. Flaming sharks
 - b. Fighter jets
 - c. Metallic flies
 - d. Airport security check guards
11. NASA engineers are using hydroponic techniques to do what?
 - a. Grow food in space
 - b. Build faster space ships
 - c. Explore the oceans
 - d. Teleportation
12. Which of the following things do engineers create, design or build? May be more than one.
 - a. Bullet-proof vests
 - b. Flavored coffee
 - c. Make-up
 - d. Helicoptors
 - e. iPods
 - f. Video games
 - g. Perfume
 - h. Movie special effects
 - i. Spaceships
 - j. Cleaner water
 - k. Ski boots
 - l. Bridges
 - m. Computers
 - n. Bathing suits
 - o. Disease-resistant crops
 - p. All of the above

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