

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://petsngardens.com/file/2014/01/Enjying-With-Familyy.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Do airport X-rays damage flash media, floppy diskettes, or laptop computers?*

Many users who travel or plan on traveling may be concerned about their laptop computers, or the media holding their important data getting damaged or erased when putting them through an X-ray machine at an airport. X-ray machines emit an electromagnetic energy, which is not magnetic, and *does not* damage or destroy electrical equipment or magnetic sensitive data.

Adapted from <http://www.computerhope.com/issues/ch001027.htm>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Social networking*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.walksofitaly.com/blog/wp-content/uploads/2012/08/countryside-ancona-marche.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Smartphone charger promises to power up batteries in just 30 seconds*

A prototype of the charger was shown off at Microsoft's Think Next conference in Tel Aviv, where it completely recharged a Samsung Galaxy smartphone in around 30 seconds using a charger the size of a laptop power supply. The charger uses StoreDot's patented organic compounds, called "Nanodots", to store energy rapidly in a compact form. StoreDot plans to make chargers compatible with a range of smartphones and other electronic devices like tablets and laptops. It plans to enter production of the 30 second charger by late 2016 with an estimated cost of \$30 or roughly twice the price of a standard USB smartphone charger today.

Adapted from <http://www.theguardian.com/technology/2014/apr/10/smartphone-charger-batteries-30-seconds>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Gaming*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.ssdomezale.si/images/banners/SSD-glava.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Five reasons why you should be video conferencing*

Remote working arrangements are becoming increasingly popular; not only do they allow for more flexibility in telecommuters' lives, connecting to the office remotely enables employees to work without common office distractions. However, working from somewhere other than your office can sometimes feel isolating as you no longer have the water-cooler moments or spontaneous lunches out with colleagues. This is where video conferencing comes in. If you're not already using a video conferencing service, the main reasons why you really should be doing it are listed below.

- You can better judge someone's reactions by assessing their body language
- Strengthens office relationships
- Lets you save time
- Saves your company money
- Enables you to do business at any time

Adapted from <http://mobileoffice.about.com/od/conferencing-and-collaboration/a/5-reasons-why-you-should-be-video-conferencing.htm>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Computer memory*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.sspilates.ca/wp-content/uploads/2011/02/canada-health-guide-kids.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Apple nabs itself a renewable power plant project in Oregon*

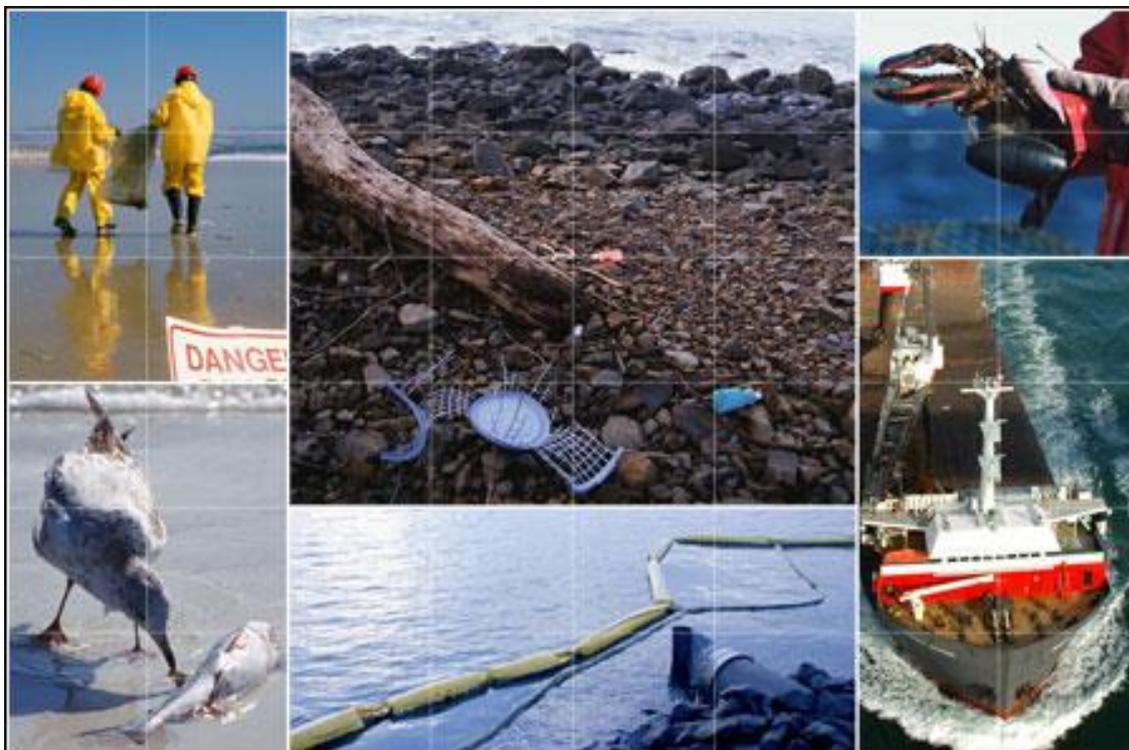
Apple has taken over the efforts to complete a hydroelectric plant just outside of Prineville, Oregon. As for why it would want one, it's simple: data centers. Apple operates a handful of data centers around the world to power things like iCloud. Data centers use a lot of power; even just keeping them cool enough to operate is a costly battle. Apple claims that 100% of the energy that powers their data centers comes from renewable sources – but for now, they're still buying much of that energy from third-party wind, solar, and hydroelectric plants.

Adapted from <http://techcrunch.com/2014/04/12/apple-nabs-itself-a-renewable-power-plant-project-in-oregon/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Identity theft*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.tc.gc.ca/media/images/marinesafety/col-amsee.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Brain cells fused with computer chip*

The line between living organisms and machines has just become a whole lot blurrier. European researchers have developed "neuro-chips" in which living brain cells and silicon circuits are coupled together. The achievement could one day enable the creation of sophisticated neural prostheses to treat neurological disorders or the development of organic computers that crunch numbers using living neurons. To create the neuro-chip, researchers squeezed more than 16,000 electronic transistors and hundreds of capacitors onto a silicon chip just 1 millimeter square in size. It could still be decades before the technology is advanced enough to treat neurological disorders or create living computers, the researchers say, but in the nearer term, the chips could provide an advanced method of screening drugs for the pharmaceutical industry.

Adapted from <http://www.livescience.com/681-brain-cells-fused-computer-chip.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Hackers and viruses*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://moj-dom.me/wp-content/themes/advanced-newspaper/timthumb.php?src=http%3A%2F%2Fmoj-dom.me%2Fwp-content%2Fuploads%2F2012%2F11%2Fz.jpg&q=90&w=479&zc=1>

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*The ultimate ice breaker?*

Mingleton, a new iPhone dating app, allows you to find and approach people in the same bar or at the same party. Once users have signed up and created a profile, they can see everyone near them who also has a profile. It uses a feature called iBeacon found in Apple's latest iPhone software which uses low energy Bluetooth to send messages over short distances. 'It's an easy, low-key way to break the ice with the people literally around you and find out who wants to meet you,' explain the firm's two founders, the 24-year old Harvard grads.

Adapted from <http://www.dailymail.co.uk/sciencetech/article-2601986/The-ultimate-ice-breaker-Mingleton-lets-approach-people-bar-app.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Word processing*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://siol.sdn.si/sn/img/09/227/633859372876033597\\_promet2.jpg](http://siol.sdn.si/sn/img/09/227/633859372876033597_promet2.jpg); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *ASIMO*

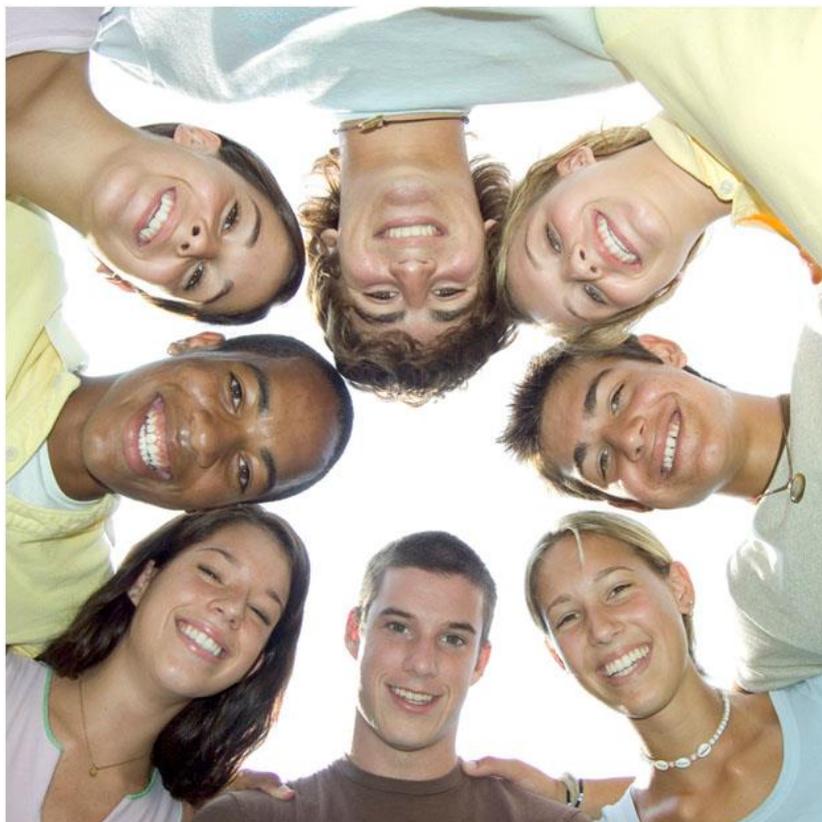
ASIMO, an acronym for Advanced Step in Innovative MObility, is a humanoid robot designed and developed by Honda. Introduced on October 21<sup>st</sup> 2000, ASIMO was designed to be a multi-functional mobile assistant. With aspirations of helping those who lack full mobility, ASIMO is frequently used in demonstrations across the world to encourage the study of science and mathematics. At 130 cm tall and 48 kg, ASIMO was designed to operate in real-world environments, with the ability to walk or run on two feet at speeds of up to 6 kilometers per hour.

Adapted from <http://en.wikipedia.org/wiki/ASIMO>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Web design and web development*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://svetovalnicakameleon.si/wp-content/uploads/2011/11/teens.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Chrome bug can turn whole pages into record buttons for eavesdroppers*

We've seen eavesdropping issues in Chrome before, like one exploit that lets sites ask for permission to the microphone, and then keeps listening long, long after. But now a new one discovered by Guy Aharonovsky goes a step further: it triggers listening with no permission, even if your microphone is completely disabled. The trick is deceptively simple on its face: essentially an attacker can turn an entire website into one, big, invisible record button and then just listen away.

Adapted from <http://gizmodo.com/chrome-bug-can-turn-whole-pages-into-record-buttons-for-1560921763>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Images and graphic design*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://shrani.si/f/3q/41/3vUKTMND/mediji.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *Protecting your low voltage electronic devices from electrical overstress*

A common cause of failure for any electronic products is electrical overstress (EOS). While a good instructional manual prevents users from using devices at non-prescribed power levels, unintentional EOS is always possible. Overstress could be an outcome of numerous scenarios, including supply surges and application of overvoltage due to incorrect input supplies. Having effective EOS protection is a primary requirement for product durability.

Adapted from <http://www.embedded.com/design/prototyping-and-development/4423709/1/Protecting-your-low-voltage-electronic-devices-from-electrical-overstress>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

### *Videoconferencing*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.hotel-azul.si//albums/4fb7e35ea4afb.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Poor battery life? Blame FACEBOOK: App running in the background wastes surprising amount of energy*

- A former Apple employee found that Facebook was draining battery
- Background processes on iPhones run by the app eat up as much as 5%
- This keeps the app updated and gives you push notifications, but turning it off is a good way to prolong your phone's life

Adapted from <http://www.dailymail.co.uk/sciencetech/article-2601707/Poor-battery-life-Blame-FACEBOOK-App-running-background-waste-energy-money.html>; 13.4.2014

#### OTHER WAYS TO SAVE BATTERY

Disable Background App Refresh for apps other than Facebook.

Turn off push email.

Stop push notifications from apps you don't use frequently.

Turn on airplane mode when you haven't got a signal anyway.

Stop closing apps, as your phone uses more battery each time it opens them again.

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Network and troubleshooting*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://img.hgtv.com/HGTV/2011/03/17/iStock-12247220\\_Child-uses-gardening-tools\\_s4x3\\_lg.jpg](http://img.hgtv.com/HGTV/2011/03/17/iStock-12247220_Child-uses-gardening-tools_s4x3_lg.jpg); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Glow-in-the-dark roads make debut in Netherlands*

Light-absorbing glow-in-the-dark road markings have replaced streetlights on a 500m stretch of highway in the Netherlands. One Netherlands news report said, "It looks like you are driving through a fairytale," which pretty much sums up this extraordinary project. The studio aims to bring technology and design to the real world, with practical and beautiful results. For now, the stretch of the N329 highway in Oss features only the glow-in-the-dark road markings, created using a photoluminescent powder integrated into the road paint, developed in conjunction with road construction company Heijmans.

Adapted from <http://arstechnica.com/business/2014/04/glow-in-the-dark-roads-make-debut-in-netherlands/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Web browsing*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.revijaanja.si/files/2011/06/aktivna-druzina/uvodna.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Samsung's cancer-stricken workers are focus of fresh debate in South Korea*

Yu-Mi left home for the first time when she went to live in a dormitory attached to Samsung's factory, about 20 miles south of Seoul. Unable to afford university, the job was a good one for her. Throughout her eight-hour shifts, Yu-mi was exposed to a battery of potentially dangerous chemicals, fumes, and ionizing radiation. She felt "nauseous, dizzy, and was vomiting," and was soon hospitalized. At the age of 20, Yu-mi had acute myeloid leukemia, one of the cancers "most clearly caused by exposure to carcinogens." She died in 2007.

Adapted from <http://arstechnica.com/tech-policy/2014/04/samsungs-cancer-stricken-workers-are-focus-of-new-debate-in-south-korea/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Electronic communication*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://dwellingintheword.files.wordpress.com/2013/09/pr27-friends.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### How your mobile gets recycled

**PHONE CASING**  
A mix of metals, plastics and some ceramics. Steel is recycled. Plastics are separated, shredded and mixed with other plastics from things like cars and computers to make new products including fence posts.

**LITHIUM ION BATTERY**  
The inside of the battery is used to make more batteries. The shell contains nickel, which is used in stainless steel manufacturing to make products like pots and pans. Older "nicad" batteries go through a similar process.

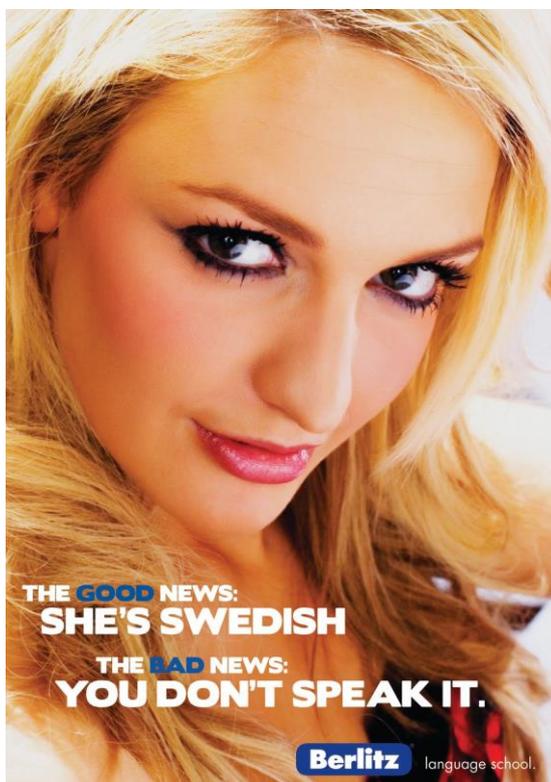
**CIRCUIT BOARD**  
Circuit boards contain precious metals like gold, silver, copper and lead. The different metals melt at different temperatures and are extracted, while plastic in the board gets used up as energy during the process.

<http://resources0.news.com.au/images/2010/04/14/1225853/517860-recycled-mobile-phone.jpg>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Programming languages*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://1.bp.blogspot.com/\\_J7r9VXWUF0g/S\\_LkRomevpl/AAAAAAAAAAM/feI0T5xZ4iQ/s1600/berlitz1.jpg](http://1.bp.blogspot.com/_J7r9VXWUF0g/S_LkRomevpl/AAAAAAAAAAM/feI0T5xZ4iQ/s1600/berlitz1.jpg); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *Managing computer desktop icons*

The issue of computer desktop icons and the way to get rid of them are worth exploring. Removing these icons are not for everyone as some may use them for opening the files and launching the applications. But mostly, the icons are dropped on the desktop by the default programming of the operating system and not by user intention. Are the desktop icons too bad? Of course, they're not really too bad but they jumble on the desktop without no purpose. Clearing these computer desktop icons has some advantages, however.

Adapted from <http://www.gizbot.com/computer/managing-computer-desktop-icons.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

### *E-commerce*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**

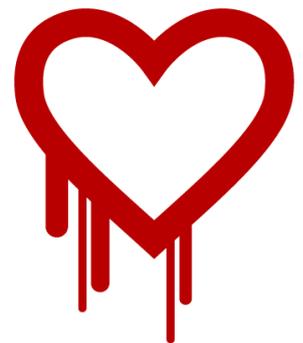


[http://files.coloribus.com/files/adsarchive/part\\_134/1344005/file/language-school-styria-hat-small-82646.jpg](http://files.coloribus.com/files/adsarchive/part_134/1344005/file/language-school-styria-hat-small-82646.jpg); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*The Heartbleed bug*

The Heartbleed bug allows anyone on the Internet to read the memory of the systems protected by the vulnerable versions of the OpenSSL software. This compromises the secret keys used to identify the service providers and to encrypt the traffic, the names and passwords of the users and the actual content. This allows attackers to eavesdrop on communications, steal data directly from the services and users and to impersonate services and users.



Adapted from <http://heartbleed.com/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*IT and medicine*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://www.itcmazara.it/comenius-hermes/images/the\\_perfect\\_european.jpg](http://www.itcmazara.it/comenius-hermes/images/the_perfect_european.jpg); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*AMD's new Radeon is a preposterous powerhouse you'll wish you needed*

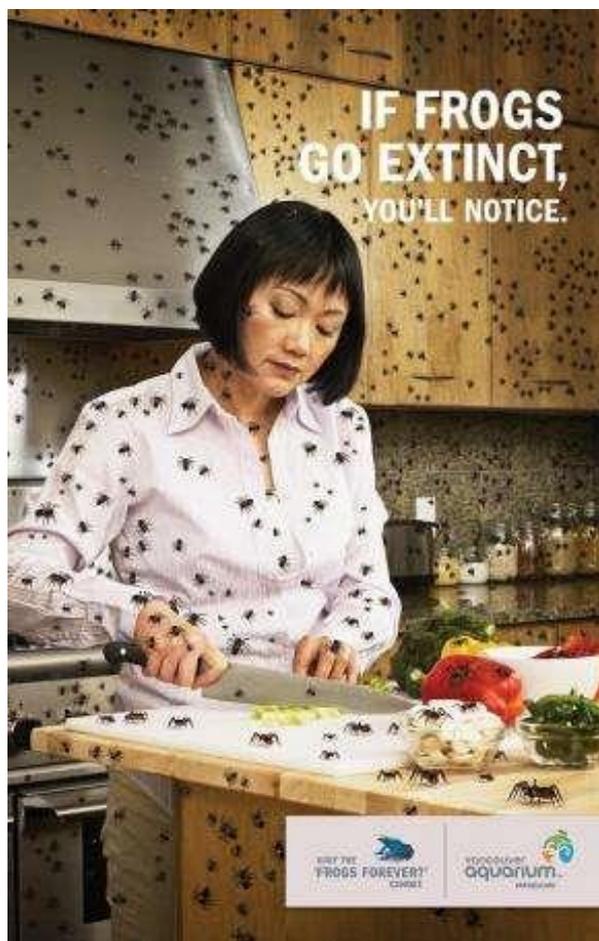
If you buy video cards, chances are you have a lust for power. No respectable PC builder doesn't at least covet insane high-end cards, even without ever really considering them. Well, here's a new sucker to salivate at, the 11.5 teraflop, water-cooled AMD Radeon R9 295X2. The new coolest card you have no reason to own. Tricked out for 4K gaming the AMD Radeon R9 295X2 offers 8GB of video GDDR5 RAM alongside its whisper-quiet cooling system and insane compute power.

Adapted from <http://gizmodo.com/amds-new-radeon-is-a-preposterous-powerhouse-youll-wi-1560497875>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*IT and education*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://warnet.ws/img3/224/frog/2.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*What's your biggest online fail?*

I set up a separate email account for job searching. I was applying for a management position. I draft up a nice cover letter in the body of the email, attach the resume and send. Only to realize - after sent, of course - that I had sent it from my personal e mail account...the one with the signature line that reads "It was too much tequila, or not quite enough." That's a level of detail that most prospective employers aren't interested in...

Adapted from <http://gizmodo.com/whats-your-biggest-online-fail-1562637153>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Electronic publishing*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[https://fbcdn-sphotos-h-a.akamaihd.net/hphotos-ak-frc3/t1.0-9/s403x403/1902062\\_10152255578054042\\_1348413415\\_n.jpg](https://fbcdn-sphotos-h-a.akamaihd.net/hphotos-ak-frc3/t1.0-9/s403x403/1902062_10152255578054042_1348413415_n.jpg)

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *Kartuše*

Pozornost nanje usmerimo šele, ko se nam na monitorju prvič prikaže okence, ki opozarja na skoraj prazno kartušo. Medtem, ko veliko kartuš za enkratno uporabo po spraznitvi pristane v smeteh (le nekaj jih doseže reciklirni center), pa lahko kartuše za ponovno polnjenje uporabimo do sedemkrat, potem pa nadaljujejo svojo pot proti reciklirnem centru.

Dandanes je kartuše dokaj enostavno reciklirati, saj so sestavljene iz 40% plastike, 40% kovine, vsebujejo še nekaj gume, papirja, pene in tonerja. V bistvu je možno reciklirati kar 97% kartuše. Predelani materiali se lahko uporabijo za izdelavo novih izdelkov, kot so pladnji, etuiji za očala ali novih kartuš.

Adapted from <http://www.lep-planet.si/kaj-lahko-recikliramo/drugo/kartuse/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

### *Cell phones*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://static.guim.co.uk/sys-images/Guardian/Pix/site\\_furniture/2010/11/2/1288718299681/Weather-scenes-001.jpg](http://static.guim.co.uk/sys-images/Guardian/Pix/site_furniture/2010/11/2/1288718299681/Weather-scenes-001.jpg);  
13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Kako se reciklirajo računalniki?*

Računalniki spadajo med elektronske odpadke. Ob nepravilnem ravnanju je možnost onesnaževanja okolja precej večja, saj so sestavljeni iz različnih elementov, ki so okolju zelo škodljivi. Z nenehnim tehnološkim razvojem se pojavljajo materiali, katere bo mogoče v veliki meri predelati in ponovno uporabiti. Če je le možno, se nekateri računalniki obnovijo in nato prodajo ali podarijo. Če računalnika ni možno obnoviti, se le ta reciklira. Odpadne računalnike najprej zberejo. Fazi zbiranja sledi ročno ločevanje komponent, kot so spominske kartice, kabli, trdi diski, vezje, matične plošče. Sledi ločevanje plastičnih in kovinskih delov. Večina teh komponent se vrne v proizvodnjo kot sekundarna surovina.

Adapted from <http://www.lep-planet.si/kaj-lahko-recikliramo/elektronika-in-bela-tehnika/racunalniki-in-racunalniska-oprema>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Artificial intelligence*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://mediaserver.pulse2.com/uploads/2009/02/facebook-characters.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *The 'magic' of MP3*

Believe it or not, your MP3 player is actually playing a sonic magic trick on you. MP3 is a format, a way of storing sounds and music, so that they take up as small amount of memory in the computer as possible. That way you can have hundreds of your favourite tracks on your MP3 player, which is really just a small computer disc that stores the digital music. The trick is to find a way to remove some of the sound information without your ears and brain noticing it, in effect the clever audio systems engineers who developed MP3 are playing a trick on your ears.

Adapted from <http://www.cs4fn.org/mathemagic/sonic.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

### *Online banking*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://papermed.com/wp-content/uploads/2012/04/muscle-twitching-all-over-body1.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Logitech's new auto-dimming keyboard is perfect for movie night*

In the good ol' days, finding the buttons on your remote in the dark was hard enough—but now, finding the keys of your keyboard is a living hell. Enter Logitech's neat little auto-dimming keyboard, which seems just perfect for movie night. The new wireless, backlit keyboard autodims based on ambient light, and also disables lighting completely after five seconds of non-use, so it won't distract from your screen one bit. It's rechargeable, has a built-in track pad and boasts a pretty impressive 33-foot range via 2.4GHz connectivity. Available by the end of this month, it'll set you back \$100.

Adapted from <http://gizmodo.com/logitechs-new-auto-dimming-keyboard-is-perfect-for-mov-1561214062>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*ISPs and Internet access*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.bodyteam.si/wp-content/uploads/2010/05/prehrana.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Woman exposing her breasts highlights privacy concerns of Google Street View*

The European Union's data protection supervisor Peter Hustinx has joined the growing chorus of calls on Google to beware the pitfalls of its street-level photographic mapping service for Google Maps. He told reporters that Street View should not be allowed to display photos of EU citizens on the site as Google faces problems in the U.S., where it is currently compiling street-level images of 30 cities and has been brought to task and even sued by people ranging from those snapped sunbathing, coming out of a sex shop, falling off their bikes and flashing the cameras.

Adapted from <http://www.tomsguide.com/us/Google-Street-View,news-1378.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*The User Interface*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://www.ewashtenaw.org/government/departments/public\\_health/ph\\_portal/health\\_portal\\_cropped.gif](http://www.ewashtenaw.org/government/departments/public_health/ph_portal/health_portal_cropped.gif); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Would YOU bank with Facebook? Social network rumored to be planning electronic saving and payment services*

- Users could use Facebook to make electronic payments and save money
- The social network is rumored to be seeking regulatory approval from the Central Bank of Ireland to offer electronic money
- The service is expected to be offered across Europe, but if it is rolled out further, it could boost Facebook's appeal in emerging economies

Adapted from <http://www.dailymail.co.uk/sciencetech/article-2604159/Would-bank-Facebook-Social-network-rumoured-planning-electronic-money-services.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Storage devices*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.flixya.com/files-photo/t/e/c/technotec-1692280.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Chemical breakdown: The toxic substances inside your mobile phone*

When you look at your sleek, shiny phone it may look clean - excepting perhaps a few scuffs and smears from normal wear and tear. But look below the surface and you will find an interior that is far more toxic than most people realize. Researchers have undertaken a chemical analysis of 36 mobile handsets to find out which ones pose the most risk to the health of humans and our environment.

## Best & Worst Picks Mobile Phones

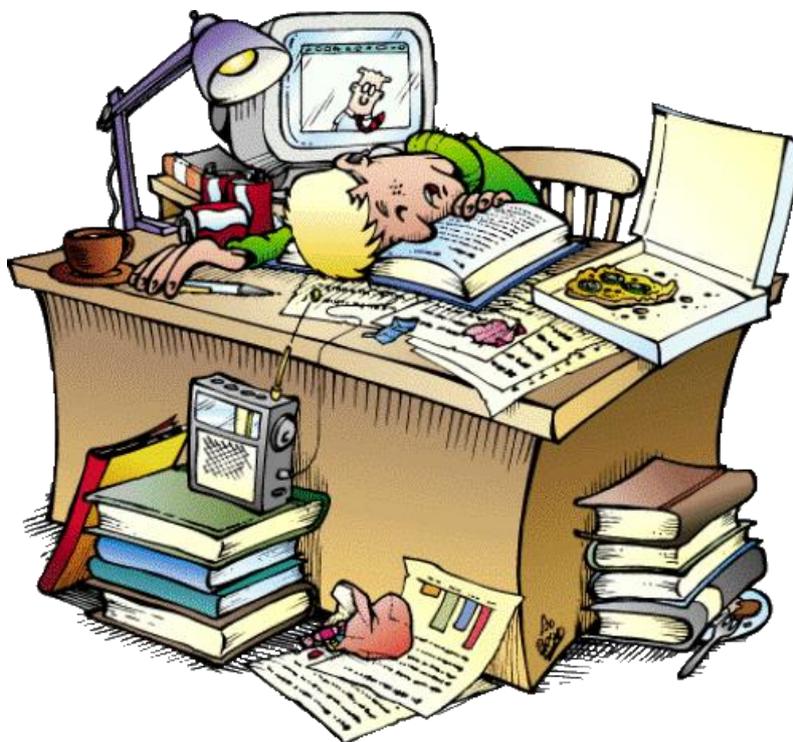


Adapted from <http://www.dailymail.co.uk/sciencetech/article-2213366/Chemical-breakdown-What-really-goes-new-iphone.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Robotics*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.skokuzivot.hr/wp-content/uploads/ucenje.gif>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *Televizijski ekrani in monitorji*

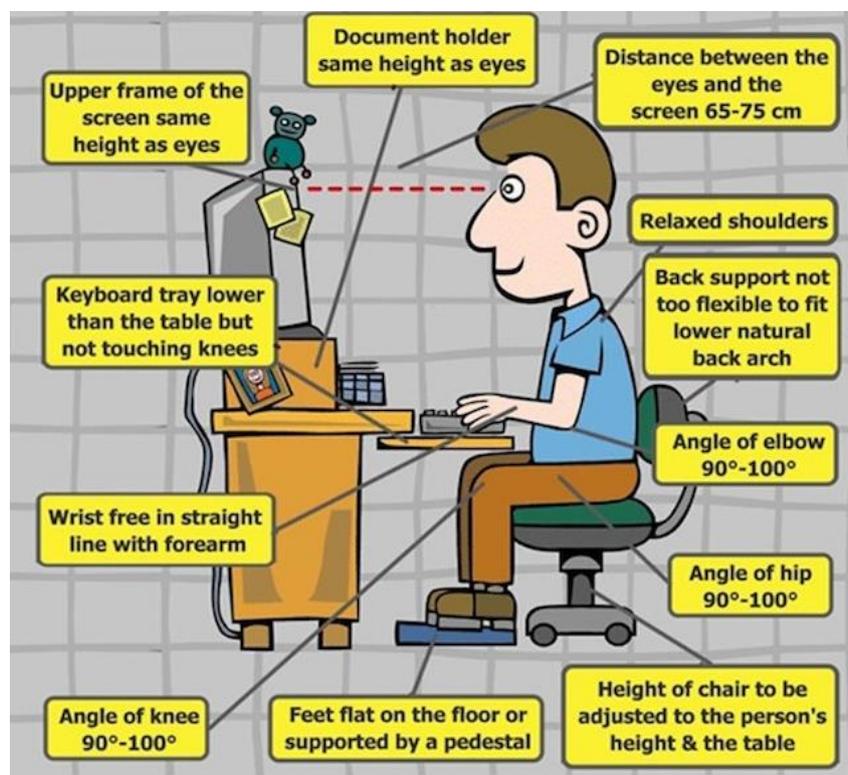
Skoraj vsako gospodinjstvo ima vsaj eno televizijo in en računalniški monitor. Še bolj pomembno je dejstvo, da skoraj vsakih nekaj let zamenjamo star ekran za modernejšega. Zavedati se moramo, da prav te elektronske naprave predstavljajo zelo veliko nevarnost našemu zdravju. Računalniški monitorji namreč vsebujejo okoli 1000 g nevarnega svineca, medtem ko televizijski sprejemniki celo 5000 g. Svinec lahko povzroči škodo na centralnem in perifernem živčnem sistemu, krvnem sistemu in ledvicah. Zaradi materialov, ki jih vsebujejo televizije in monitorji (svinec, kadmij, živo srebro), le ti spadajo med nevarne odpadke. Zato njihov dom ob koncu življenjske dobe ni komunalna deponija ali gozdna jasa v bližini, temveč obrat za recikliranje OEEO.

Adapted from <http://www.lep-planet.si/kaj-lahko-recikliramo/elektronika-in-bela-tehnika/televizijski-ekrani-in-monitorji/>;  
13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Email*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://ilab.engr.utk.edu/cirpc/images/tipslider/20-computer.jpeg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*The end of Wi-Fi woes? New system claims to be able to TRIPLE download speeds*

A new way for computers to communicate over Wi-Fi could lead to the tripling of download speeds, its inventors claim. Called multi-user, multiple input, multiple output, or MU-Mimo for short, it allows networks to talk to more than one computer at a time. Current Wi-Fi systems can only serve one device at a time, cycling quickly among different users - and creating lower speeds for everyone. That creates slower speeds for everyone when more devices connect to the network.

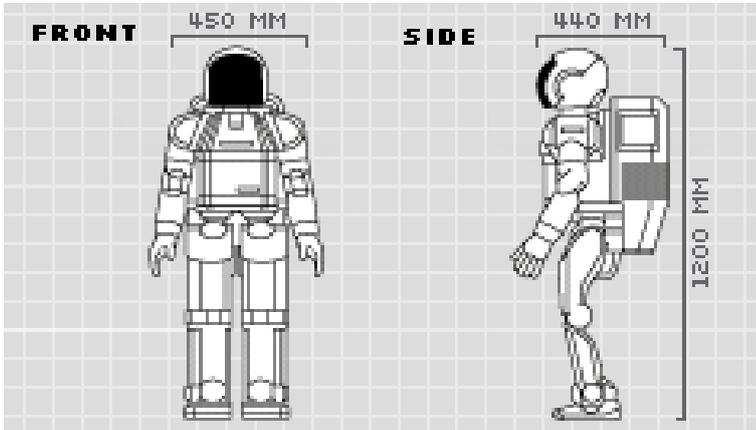
Adapted from <http://www.dailymail.co.uk/sciencetech/article-2597347/The-tiny-chip-TRIPLE-wifi-speeds.html#ixzz2yxDLQjIS>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Friendship*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**

### **ASIMO: Advanced Step in Innovative Mobility**



**Weight:** 43kg

**Walking speed:** 1.6km/h

**Asimo can:**

- Recognise moving objects
- Follow the movements of people
- Greet people - shake hands / wave
- Move to an indicated position
- Recognise and respond to 50 different Japanese phrases



[http://newsimg.bbc.co.uk/media/images/39428000/gif/\\_39428513\\_asimo\\_info416.gif](http://newsimg.bbc.co.uk/media/images/39428000/gif/_39428513_asimo_info416.gif); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

#### *Silicon*

Silicon is the chemical element in the periodic table that has the symbol Si and atomic number 14. A tetravalent metalloid, silicon is less reactive than its chemical analog carbon. It is the second most abundant element in the Earth's crust, making up 25.7% of it by weight. Silicon is a very useful element that is vital to many human industries. It is used frequently in manufacturing computer chips and related hardware. Because silicon is an important element in semiconductor and high-tech devices, the high-tech region of Silicon Valley, California, is named after this element.

Adapted from <http://www.sciencedaily.com/articles/s/silicon.htm>; 13.4.2013

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Free time*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://davidmcbec.com/wp-content/uploads/2011/10/cell-phone-evolution-iphone.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*More than 40 percent Twitter users have never tweeted, says reports*

Twitter is one of the top social networking sites that's currently out there. But how is its popularity determined on a regular basis? Is it by the number of active users the site sees every day? But if it's indeed so, then Twitter may not be doing so well. Twopcharts has claimed via its recent report that 44 percent of Twitter's accounts do not ever see even a single tweet sent out from them. Previous to this, Twitter had already claimed that it had 241 million monthly active users in the final three months of 2013. It is interesting to note here that the company defined it as users who login but do not necessarily tweet.

Adapted from <http://www.gizbot.com/social-media/more-than-40-percent-twitter-users-have-never-tweeted-reports-016654.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Foreign language*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**

*Researchers carry out analysis of 36 mobile phones to determine which contain the most toxic chemicals in their components*



<http://www.dailymail.co.uk/sciencetech/article-2213366/Chemical-breakdown-What-really-goes-new-iPhone.html>;  
13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Muso – a friendly way to fight piracy*

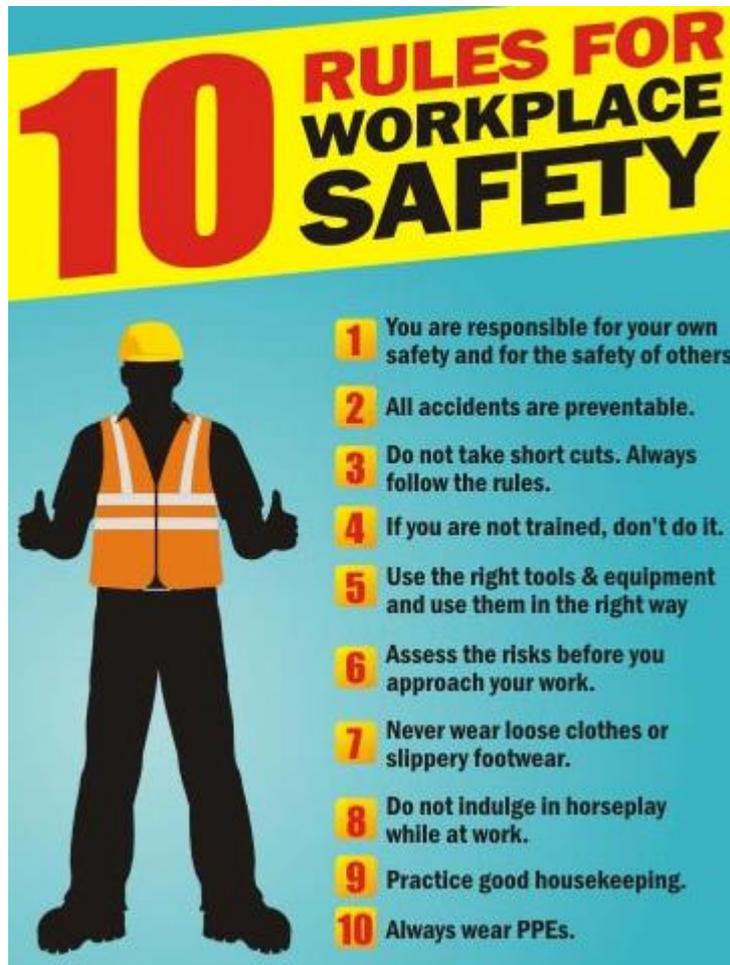
Imagine if you downloaded a file from an illegal filesharing site and, when you tried to open it, you were greeted by a message: "You seem to like this artist, so if you want them to be able to make another record, please support them by buying their record." Would it make you more likely to pay for the music you consume? This is the idea behind anti-piracy company Muso's latest product. Instead of just removing the illegal file, the company uploads a preview of the track, with a message attached. The music fan then has an option to legalize the copy by purchasing the file – or, if they don't want to do that, get redirected to a legal site where they can access it.

Adapted from <http://www.theguardian.com/media/2014/apr/09/muso-a-friendly-way-to-fight-piracy>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Pets*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.icecoelectric.com/Blog%20Pics/Safety%20Matters/10-rules.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Spintronics: Could diamonds be a computer's best friend?*

For the first time, physicists have demonstrated that information can flow through a diamond wire. In the experiment, electrons did not flow through diamond as they do in traditional electronics; rather, they stayed in place and passed along a magnetic effect called "spin" to each other down the wire -- like a row of sports spectators doing "the wave." Spin could one day be used to transmit data in computer circuits -- and this new experiment revealed that diamond transmits spin better than most metals in which researchers have previously observed the effect.

Adapted from <http://www.sciencedaily.com/releases/2014/03/140323151718.htm>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*My family*



**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.50shadesofage.com/wp-content/uploads/2012/11/elderly-people-on-computer5.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Thermoelectric generator on glass fabric for wearable electronic devices*

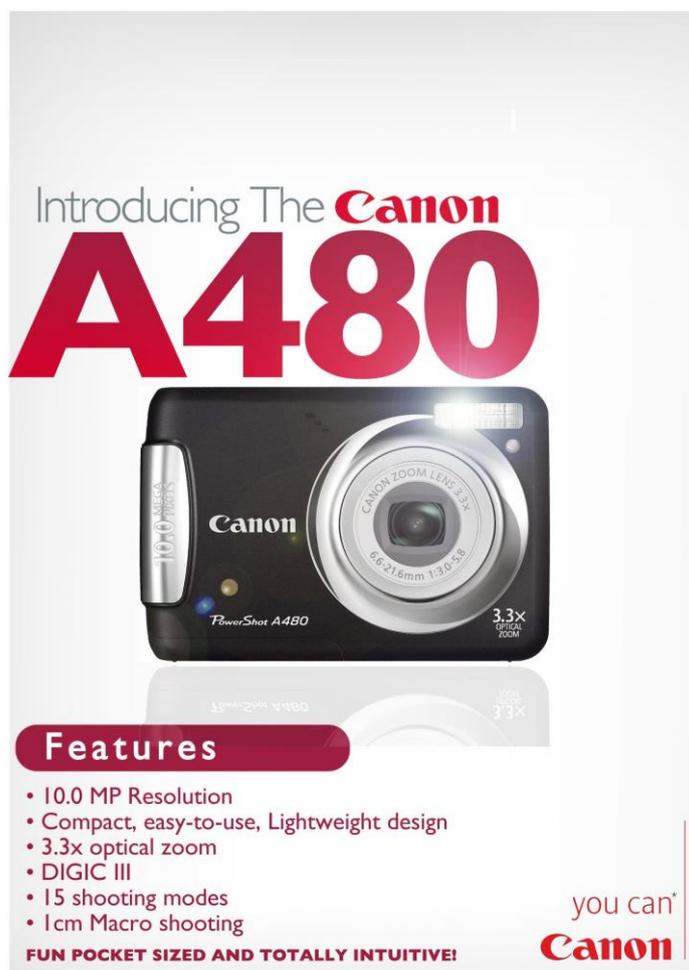
Wearable computers or devices have been hailed as the next generation of mobile electronic gadgets, from smart watches to smart glasses to smart pacemakers. For electronics to be worn by a user, they must be light, flexible, and equipped with a power source, which could be a portable, long-lasting battery or no battery at all but a generator. How to supply power in a stable and reliable manner is one of the most critical issues to commercialize wearable devices. Scientists have now proposed a solution to this problem by developing a glass fabric-based thermoelectric (TE) generator that is extremely light and flexible and produces electricity from the heat of the human body.

Adapted from <http://www.sciencedaily.com/releases/2014/04/140410131458.htm>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Food*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://jordanherbertdonnellydesign.files.wordpress.com/2010/03/canon-advert.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*80% mobilnega telefona je možno reciklirati, zato ga ne skrivajmo v predalu – reciklirajmo ga!*

Postopki recikliranja mobilnikov so različni. Ponekod se ročno razstavijo in posamično izločijo vredne kovine, ostale materiale pa posebej pretopijo in pripravijo za ponovno uporabo.

Novejša metoda recikliranja pa je bolj kompleksna. Ohišje mobilnikov se zmelje, da je lažje izločiti kovine, nato se pretopi in uporabi za odlitke. Kovine lahko izločijo tudi iz baterije. Plastiko iz delov mobilnika dobimo s topljenjem. Spominske čipe in druge vredne dele lahko ponovno uporabijo. Prav tako lahko ponovno uporabijo posamezne dele kot so tipkovnice, LCD ekrani, SIM kartice, antene, baterijski konektorji, tiskana vezja, leče, mikrofoni.

Adapted from <http://www.lep-planet.si/kaj-lahko-recikliramo/elektronika-in-bela-tehnika/mobilni-telefoni/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*Education*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



<http://www.pocketables.com/images/2011/08/computerhistory.jpg>; 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

### *How to create a safer password*

A short password, or one using a name or a word in a dictionary, can be easily cracked by computers. And simply adding "@" for the letter "a" isn't going to fool the bad guys. Here's cryptographer and computer security expert's advice on using and managing your passwords.

Use a "passphrase": a sentence you can remember. Then replace each word of the phrase with its initial, a similar digit or symbol, or, at random, use a whole word. For example: MY DOG NATE WOOF AND RUNS IN HIS SLEEP The new password is mdN&w@r!hs.

That may still be tough to remember. If you need to, write a reminder and hide the paper somewhere safe. But write the phrase or a hint, not the password.

Generally, if you have a strong password, you don't need to change it unless you suspect you've been hacked. But don't use the same one for different services.

Adapted from <http://money.cnn.com/2014/04/14/technology/security/safe-password.moneymag/index.html>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

### *Travelling*

**TASK 1: Look at the picture, describe it, and then discuss any subject related to it with the examiner.**



[http://www.solihullcarers.org/wordpress/wp-content/uploads/health\\_and\\_safety.gif](http://www.solihullcarers.org/wordpress/wp-content/uploads/health_and_safety.gif); 13.4.2014

**TASK 2: Read the text and be prepared to discuss it with the examiner.**

*Zuta labs is making an inkjet printer that rolls free*

Their basic idea is to drastically shrink the size of the printer box to make it portable, while retaining the ability to print on large pieces of paper. The Zuta is therefore 10cm x 11.5cm — not quite pocketable, but certainly small enough to fit in a bag. The printer is being designed to roll itself over the paper, rather than having to ingest pages to spit ink onto them. The battery apparently lasts for about an hour on one full charge while one inkjet cartridge will be good for “more than 1,000 printed pages”. It takes an average of 40 seconds to print an A4 page.

Adapted from <http://techcrunch.com/2014/04/11/zuta-printer/>; 13.4.2014

**TASK 3: Think about the given topic and be prepared to discuss it with the examiner.**

*My home*