**1st Engineering materials**

**1. What kinds of materials do you know?**  
Metals and non-metals.

**2. What is the difference between ferrous and non-ferrous metals?**  
Ferrous metals contain iron, non-metals don’t.

**3. What are non-metals?**  
Plastics -> thermoplastics and thermosets, ceramics.

**2nd Money**

|  |  |  |  |
| --- | --- | --- | --- |
| Question | Examples | Pros | Cons |
| **1. Bartering** | Swapping goods, exchanging | No money, simple | Demand can’t hold its value |
| **2. Commodity money** | Gold, silver, salt, spices, tobacco, leather | Easier than bartering, inherent value | Liquidity capacity |
| **3. Fiat money** | Coins, notes, banknotes, debit and credit cards | The easiest to exchange, practical | Government, physically easy to loose |

**3rd Law**

**1. What is *a law*?**  
A law – is an official rule that people must obey.

**2. Which types and examples of law do you know?**  
Descriptive laws describe how people or even national phenomena usually behave (law of gravity). Prescriptive laws prescribe how people should behave (Speed limits).  
Customs (don’t whistle indoors).

**3. In what ways are laws enforced?**Laws are enforced in 2 ways: by police and by the law courts (by prosecutor, lawyer, judge).

**4th Banks**

**1. What is a bank?**Bank is a safe place for your money, and a lender that you can trust.

**2. How do banks make a living?**Banks make a living by charging interest on loans.

**3. Which services do banks provide?**Banks provide cards, cheques, ATM (automized telling machine).

**5th**

**1. What is your particular area of interest in computer science?**In computer science I’m interested in web development and databases. As its interesting and very promising spheres, that also can be connected.

**2. What are computers able to do?**Computers can entertain people, can give access to different and various e-net libraries and, of course, you can keep in touch with your relatives living far from you.

**3. How might computers affect your future career?**I can say that computers will affect my future work a lot, because I’m going to work in IT industry, it is my dream to become an excellent specialist in database development.

**6th**

**1. How important is it to be computer literate?**Nowadays it is not so important, but in the future it would be necessary skill for everybody.

**2. Are you a rule learner or a data gatherer?**I’m a data gatherer, as from the school lessons I don’t like to learn rules.

**3. Would you like to become a computer expert?**A soldier who doesn't want to be a general is a bad soldier.

**7th**

**1. How do you think you ought to start?**First of all, I should start doing something. After that, I have not to stop and continue working. Simple but working method, that Dmitrii Puchkov gave all his fans as advice.

**2. How does it feel to be a computer student?**It feels very good, except 1c programming.

**3.**  **What disciplines does the course of instruction cover?**It covers web programming, database development, project management, physical education, 1c programming, information systems.