**Тема урока: Производство автомобилей.**

**Задание: прочитать текст и перевести (устно) задание 1, 2 и 3 после текста выполнить письменно и оправить их на электронный адрес.**

**Отправляя задание, укажите фамилию, группу, дату и номер урока.**

Текст Automobile production

Specialists in automobile industry deal with **designing and manufacturing cars,** so they should know that the production of the automobile comprises the following phases:

1. **Designing**
2. Working out the technology of manufacturing processes
3. **Laboratory tests**
4. **Road tests**
5. Mass production

Why is it necessary to know all these facts?

It is important to know them as before the automobile (car or truck) is **put into** **mass production**, it should be properly designed and the automobile must **meet-up-to-date requirements.**

What are these **requirements?**

The automobile must have **high efficiency, long service life, driving safety, ease of maintenance and pleasant appearance.**

In order to obtain all these **qualities** engineers should develop **up-to-date methods** **of designing cars,**using new types of resistant**to corrosion** **light materials.** Also it is important to know computer science because it is intended to shorten the time between designing and manufacturing. Computers **offer quick and optimal solutions** of problems.

But before the car is put **into mass production** all its units and mechanisms are **subjected to tests**, first in the plant’s laboratory, then the car undergoes **a rigid quality control in road tests.** Only then the car is put into mass production. Why are these tests **required**? What qualities are required of the automobile? The modern automobile must be **rapid in acceleration, must have smooth acting clutch, silent gearbox, dependable brakes and steering system,**as well as pleasant appearance. Also it must be **comfortable**and have all **conveniences.**

**Задания:**

**1. Найдите в правой колонке русские эквиваленты английских слов и словосочетаний:**

1*. mechanical engineer а) долгий срок службы*

*2. to deal (with) б) запустить в массовое производство*

*3. designing cars в) подвергать испытаниям*

*4. to put into mass production г) плавное сцепление*

*5. long service life д) отвечать современным требованиям*

*6. driving safety е) иметь дело*

*7. to meet up-to-date demands ж) надёжные тормоза и рул. упр-я*

*8. smooth-acting clutch и) безопасность езды*

*9. silent gearbox й) бесшумная коробка передач*

*10 .dependable brakes and steering system к) инженер-механик*

*11. to subject to test л) конструирование автомобилей*

**2. Ответьте на вопросы по тексту**

1. *What phases does the production of the automobile comprise?*
2. *What requirements must the automobile meet?*
3. *Why are cars subjected to road tests*
4. *What qualities are required of the automobile?*
5. *Why is it important for the specialists in automobile industry to know computing methods?*

**3. Закончите предложения, выбрав соответствующий вариант окончания:**

1. **The cars are subjected to road tests in order…**
   1. *to shorten the time between designing and manufacturing*
   2. *to meet up-to-date requirements*
   3. *to work out new technological processes*
2. **The car must have the following units….**
   1. *high efficiency, long service life, driving safety and pleasant appearance*
   2. *smooth acting clutch, silent gearbox, dependable brakes and steering system*
3. **The car must have the following qualities**….
   1. *high efficiency, long service life, driving safety and pleasant appearance*
   2. *smooth acting clutch, silent gearbox, dependable brakes and steering system*