**10.04.2020 г., 1 ЭРСТ**

**Урок 53-54**

**Тема урока: Автомобильная промышленность.**

**Задание 1. Прочитать и перевести текст (устно).**

**Задание 2. Выполнить письменно упражнения 1 и 2. Выполненные упражнения отправить на электронный адрес** **achmiz2015bachmiz@mail.ru** **или на сайт МПТ.**

 **Text Automobile production**

Specialists in automobile industry deal with designing and manufacturingcars, 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-datemethods of designing cars,using new types of resistantto corrosion lightmaterials. Also it is important to know computer science because it is intended to shorten the time between designing and manufacturing. Computers offer quickand 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 rigidquality 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 comfortableand have all conveniences.

**Упражнение 1. Найдите в правой колонке русские эквиваленты английских слов и словосочетаний (записать английское словосочетание и его перевод):**

1. mechanical engineer   а) долгий срок службы

2. to deal (with) b) запустить в массовое производство

3. designing cars   c) подвергать испытаниям

4. to put into mass production  d) плавное сцепление

5. long service life  e) отвечать современным требованиям

6. driving safety  f) иметь дело

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

8. smooth-acting clutch  h) безопасность езды

9. silent gearbox  i) бесшумная коробка передач

10 .dependable brakes and steering system  g) инженер-механик

11. to subject to test  k) конструирование автомобилей

 **Упражнение 2. Ответьте на вопросы по тексту (записать вопрос и ответ на него):**

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?