**Практическое задание 1 уровня «Перевод профессионального текста (сообщения)»**

1. **Переведите текст со словарем**

Components of the automobile

Automobile is made up of hundreds of different parts which can be broadly categorized into six components: basic structure, power unit, transmission system, auxiliaries, controls and superstructure. Basic structure of an automobile is the unit on which all the other automobile units like engine, transmission system, etc. are attached. It mainly comprises of a frame, suspension system, axles and wheels.

The frame is the main structure of an automobile that carries the most of its weight. Frame construction is generally done in two ways: conventional construction, frameless construction. In conventional construction a conventional pressed steel frame is prepared and all the mechanical units are attached to it and then the body is superimposed on it. In frameless construction the body is designed in such a way that the function of body and frame is combined and all the mechanical units are directly attached to the body.

Functions of suspension system:

* It is responsible for preventing the road shocks from being transmitted to the vehicle;
* Safeguarding the passengers from road shocks;
* Preserving the stability of vehicle during pitching and rolling.

Generally, there are two types of suspension system: conventional system and independent system. In conventional system the road springs are attached to a rigid beam axle. In independent system there is no rigid axle beam and each wheel is free to move vertically without affecting other wheels.

The other central shaft connects the wheels to the frame depending on their use. Axles can be of two types: live axle or dead axle. Live axle transmits the torque received from the engine to the driving wheels. Dead axle connects the wheel to the frame but does not transmit any power.

Wheels are one of the most important parts of an automobile. Without wheels, the vehicle cannot even be towed. Wheels carry the entire weight of the vehicle. Generally, wheels are of three types: disc wheels, wire wheels and alloy wheels. Among them disc wheels are the most commonly used.

1. **Письменно ответьте на вопросы:**
2. How many categories can the automobile components be divided into?
3. What is the function of the suspension system?
4. What is the difference between conventional construction and frameless construction?
5. What is so special about independent suspension system?
6. How does live axle work?
7. What kinds of discs are mainly used nowadays? Why?