

МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ  
УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ  
«СЕВЕРО-КАВКАЗСКАЯ ГОСУДАРСТВЕННАЯ АКАДЕМИЯ»

Кафедра русского и иностранных языков

Дисциплина: «Иностранный язык»

Контрольная работа для ИНОСТРАННЫХ обучающихся заочной формы  
обучения

**1 курс- семестр 2**

**направления подготовки 15.03.02 Технологические машины и  
оборудование**

Преподаватель: Канд.филол. наук, Доц. Цекова Лариса Мухамедовна  
e-mail: Tsekova.Larisa@yandex.ru

ЧЕРКЕССК-2020

МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ  
УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ  
«СЕВЕРО-КАВКАЗСКАЯ ГОСУДАРСТВЕННАЯ АКАДЕМИЯ»

Кафедра русского и иностранных языков

Дисциплина «Иностранный язык»

**КОНТРОЛЬНАЯ РАБОТА №2**

**Для выполнения контрольной работы необходимо усвоить следующие разделы английского языка:**

- модальные глаголы,
- герундий,
- согласование времен,
- условные предложения,
- синтаксический анализ предложений и их перевод.

**Task I. Read the text. Translate it in writing. Underline the predicates and define Tense and Voice**

**Transmitting the power**

The crankshaft, which revolves approximately 6000 times a minute, engine power to the gearbox, and so to the wheels. It is cast or forged in a single piece, and in places is machined to an accuracy of less than a thousandth of an inch.

The main parts of the shaft are the journals, which rotate in, and are supported by, the main bearings; the crank-pins, which rotate in the big-end bearings of the connecting rods which link them with the pistons; and the webs, or cranks, which join the journals to the crankpins and are shaped so that they serve as balance weights for smoother running.

The flywheel, a heavy and carefully balanced disc that is fitted at the gearbox end of the crankshaft, helps smooth running as it maintains a steady rate of turning. As the pistons thrust downward and give repeated sudden thrusts to the crankshaft while the flywheel maintains its momentum, the shaft is subjected to slight twisting and untwisting, which is called torsional vibration.

A damper - a metal disc which incorporates a ring of rubber - is fitted to the front end of the crankshaft in order to help control torsional vibration. The firing order of the cylinders is also important as it makes the crankshaft rotate smoothly.

If we count the cylinder nearest the fan as No. 1, the firing order in a 4-cylinder engine is 1, 3, 4, 2 or 1, 2, 4, 3, so as to give even turning of the crankshaft.

On their firing strokes, the pistons push the crankshaft down; and on their other three strokes they are forced up or pulled down by the rotation of the crankshaft. The crankpins are set at different angles to the shaft so as to give a uniform spacing of the firing impulse.

**Task II. Check if you remember.**

1. How many times a minute does the crankshaft revolve?
2. How many parts are there in the shaft?
3. What do the crank-pins serve for?
4. What is called torsional vibration?
5. Why are the crankpins set at different angles to the shaft?

**Task III. Give the Russian equivalents:**

important , rate ,rotation, accuracy, twisting, firing, impulse, rubber, turning, angle, big- end running, bearing ,vibration, join,pull ,push, rotate, shape, support, thrust.

**Task IV. Give the English equivalents:**

резина, движение, угол, подшипник, соотношение, зажигание, воспламенение, коллектор, уклон, скорость, вращение, вибрация, разгон, расходовать впустую, подвергать, добиваться, объединять, придавать форму.

**Task IV .Translate the sentences into Russian. Pay attention to Participle I and Participle II**

- 1.The engine must be able to start below freezing point.
- 2.Since no water is allowed to escape, the system is usually filled at the factory with a mixture of water and antifreeze.
- 3.A spark plug consists of a metal electrode passing through the center of a ceramic insulator.
- 4.The oil cuts down friction and wear due to lubrication of the pistons, bearings and other moving parts.
- 5.The faster the crankshaft revolves in relation to the road wheels, the greater is the force available to drive the car.
- 6.For good engine performance, the spark must be big enough to ignite the fuel mixture efficiently.

7. A petrol engine provides power which propels the car by burning a mixture of petrol and air in its cylinders.
8. The voltage required is achieved by boosting it thousands of times by the coil.
9. Spark plugs produce the electric sparks igniting the petrol/air mixture in an engine's cylinders.

**Task IV. Turn the Direct speech into Indirect.**

1. He says, "You are right."
2. He asked me, "Do you know my sister?"
3. She asked John, "When are you going to come?"
4. Don't wait for me if I'm late', Ann said. Ann said
5. 'Eat more fruit and vegetables', the doctor said.