

ЗАВДАННЯ З АНГЛІЙСЬКОЇ МОВИ

ДЛЯ СТУДЕНТІВ 3 КУРСУ

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ЖАДК НТУ

(2 СЕМЕСТР)

**Тема: Двигун (“Engine”)
Пасивний стан (Passive Voice)**

ЗАНЯТТЯ 1

NEW WORDS AND EXPRESSIONS:

1. produce	- виробляти
2. fuel	- паливо
3. pump	- насос
4. piston	- поршень
5. spark plug	- свічка запалення
6. expel	- виводити
7. valve	- клапан
8. exhaust	- випускний
9. stroke	- хід поршня
10. to burn	- запалювати
11. to store	- накопичувати
12. pipe	- трубопровід
13. to mix	- змішувати
14. to compress	- стискати
15. flow	- потік
16. inlet	- впуск

ВПРАВА 1: TRANSLATE THE TEXT:

ENGINE

An engine is any mechanism or machine designed to convert energy into mechanical work. There are may be steam engines (external combustion engines) and internal combustion engines. The source of the heat energy may be coal, wood and petroleum products in the form of gasoline, gas and oil.

An engine produces power by burning air and fuel. The fuel is stored in a fuel tank. The fuel tank is connected to a fuel pipe. The fuel pipe carries the fuel to a fuel pump. The fuel pump is connected to the carburetor. In the carburetor the fuel is mixed with air. The fuel and air are drawn into the engine cylinder by the piston. Then the fuel and air are compressed by the piston and ignited by the spark plug. They burn and expand very quickly. Thus the power is produced.

The burned fuel and air are expelled from the cylinder by the piston. An inlet and an exhaust valves control the flow of gases into and out of the cylinder.

The complete four-stroke cycle comprises:

1. The induction stroke.
2. The compression stroke.
3. The power stroke.
4. The exhaust stroke.

PASSIVE VOICE (ПАСИВНИЙ СТАН)

Пасивний стан дієслів в англійській мові вживається, коли дія більш важлива, ніж її виконавець, або коли виконавець дії невідомий.

Пасивний стан дієслів неозначених часів (Simple Tenses) утворюється додаванням допоміжного дієслова *to be* у відповідному часі до основного дієслова у третій формі (неправильні дієслова) або *-ed* (правильні дієслова).

В теперішньому часі дієслово має форми *am, is, are*, в минулому – *was, were*, в майбутньому – *will be*.

Bread **is baked** in an oven. (Present Simple Passive)

This house **was built** five years ago. (Past Simple Passive)

Your room **will be cleaned** in an hour.

ВПРАВА 2: CIRCLE THE CORRECT ITEM:

1. The brakes of your car *were/will be* tested tomorrow.
2. The cows *are/will be* always milked three times a day.
3. This cave *is/was* found two years ago.
4. This newspaper *is/will be* published every year.
5. Mike's car *was/will be* serviced last month.
6. These TV programs *were/will be* shown last night.
7. The new refrigerator *is/will be* delivered next Friday.

ЗАНЯТТЯ 2

ВІПРАВА 3: MAKE UP 10 QUESTIONS TO THE TEXT "ENGINE"

ВІПРАВА 4: MATCH THE FOLLOWING ADJECTIVES WITH THE CORRESPONDING NOUNS:

- | | |
|---------------|-------------|
| 1. Diesel | a) cylinder |
| 2. Dead | b) stroke |
| 3. Fuel | c) power |
| 4. Engine | d) system |
| 5. Piston | e) energy |
| 6. Mechanical | f) cycle |
| 7. Cooling | g) plug |
| 8. Heat | h) engine |
| 9. Operating | i) tank |
| 10. Spark | j) center |

ПАСИВНИЙ СТАН (PASSIVE VOICE)

ВІПРАВА 5: CHOOSE THE RIGHT ANSWER.

- The mystery ... by Sherlock Holmes.
 - is solved
 - was solved
 - will be solved

2. All the textbooks ... every year at the beginning of September.
 - a) were given out
 - b) will be given out
 - c) are given out

3. He ... his favourite dishes for his dinner yesterday.
 - a) was given
 - b) will be given
 - c) is given

4. Everything ... a month ago.
 - a) is done
 - b) were done
 - c) was done

5. The letter ... next morning.
 - a) will be posted
 - b) is posted
 - c) was posted

6. All the letters ... next month.
 - a) were sent
 - b) will be sent
 - c) are sent

7. The student ... to translate the text at the last lesson.
 - a) is asked
 - b) will be asked
 - c) was asked

8. The trees ... two days ago.
 - a) will be planted
 - b) were planted
 - c) are planted

9. Alice ... a beautiful doll for her last birthday.
 - a) was given
 - b) will be given
 - c) is given

10. All the greeting cards ... next week.
- a) are sent
 - b) were sent
 - c) will be sent

3 заняття

ВІПРАВА 6: READ THE TEXT AND ANSWER THE QUESTIONS.

DIESEL ENGINE

The oil engine (diesel engine) is a form of internal combustion engine. In place of carburetor and sparking plug it has an injection pump and a fuel injection valve (injector). It uses the heat of the compression to fire the fuel.

It utilizes diesel oil which is forced in the form of a fine spray. This engine draws in pure air only. The air is then compressed by the ascending piston to a high pressure. The temperature of the air is raised so that the fuel oil injected into the cylinder ignites rapidly. The gaseous products expand providing the energy for the power stroke

The high-output oil engines are nearly all of two-stroke type. The charge is filled into the cylinder by a blower which assists both the intake and exhaust processes. One cycle is completed within one revolution.

1. What kind of form is the diesel engine?
2. What does it have in place of carburetor?
3. What heat does it use?
4. Does the engine draw air or water?
5. Is the temperature of the air raised or fallen?
6. What products provide the energy for the power stroke?
7. Are the high-output oil engines of two- or four-stroke type?

ВІПРАВА 7: CHOOSE THE RIGHT ANSWER

1. The fuel is stored in ... (cylinder, tank, engine).
2. The fuel tank is connected to the ... (carburetor, fuel pipe, piston).
3. The fuel pipe carries the fuel to a (fuel pump, tank, engine).
4. The fuel pump is connected to the ... (mechanism, carburetor, pipe)
5. In the carburetor the fuel is mixed with ... (water, air, oil).
6. The fuel and air are drawn into the engine cylinder by the ... (piston, pump, pipe).
7. Then the air and fuel are ... (burnt, compressed, exhausted) by the piston and ignited by the spark plug.
8. They burn and expand very quickly and push the ... (piston, pipe, pump) down.
9. Thus the power is ... (stored, produced, reduced).

ПАСИВНИЙ СТАН (PASSIVE VOICE)

ВПРАВА 8: FIND MISTAKES AND CORRECT THEM

1. This hat knitted by my mother last year.
2. The work isn't done yesterday.
3. My watch were mended a week ago.
4. My camera is returned me tomorrow.
5. You were met at the airport tomorrow.
6. A new metro station was build in our city last month.
7. Sick people is treated by doctors.