*TASK 1.а) Прочитайте и переведите текст. б) Обозначьте абзацы и расставьте их в правильном порядке, используя цветные карандаши (красный карандаш - выделение абзаца, синий карандаш –незнакомые слова, зеленый карандаш – знакомые слова). с) Заполните приведенную ниже таблицу, информацией о главных событиях в истории создания двигателя.*

**The history of engine creation**

 Now you will surprise nobody with internal combustion engine use. Million cars, petrolgenerators and other devices use as the DVS drive (internal combustion engines). Emergence of it like the engine in the 19th century is caused first of all by need of creation of the effective and modern drive for various industrial devices and mechanisms. At that time, in the main weight, the steam engine was used, but it has too many shortcomings, and it was required the developing industry new, more advanced. The internal combustion engine became it also.

1806 Nisefor and Claude Nyeps invented a first-ever operating internal combustion engine. In 1806 brothers of Nyeps provided at National institute the machine under the name "pireolofor" which worked at a coal dust. 1873 George Brayton (George Brayton) Created a new design of the 2nd cylinder carburetor turpentine engine. 1886 Karl Benz (Karl Benz) patented a design of the first-ever three wheeled gas car with electric ignition, differential and water cooling. In 1883 he adjusted serial release of engines.1876 Nicholas Otto (Nikolaus August Otto) Patented a new type of an internal combustion engine with a four-cycle cycle which is cornerstone of the majority of modern internal combustion engines. 1864 Austrian engineer Siegfried Markus (Siegfried Marcus) Created the first-ever single-cylinder carburetor engine working from combustion of crude oil.1858 Belgian engineer Jean Joseph Etienne Lenuar (jean Joseph Etienne Lenoir) Invented the two-stroke electric carburetor engine, with spark ignition as fuel for which coal gas served. The way of development of the internal combustion engines which have brought in our life comfort and speed of movement was such. Further development of this direction will show time, but already now designers offer rather interesting alternative options of a design of DVS.

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| **Year** | **Inventor** | **His invention** |
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*Task 2. Выберите правильный вариант перевод слова.*

Ring, piston, race - поршень

Camshaft, crankshaft, shaft – коленвал

Light, wire, valve – клапан

Tappet, rod, pipe – коллектор

Rod, top, roof – шатун

Lamp, sparking-plug, light – свеча зажигания

Chamber, engine, cylinder – двигатель

Base of chamber, base of engine – картер двигателя

Alcohol, petrol, turpentine – бензин

Trunk, cycle, vehicle - автомобиль

*Task 3. Из следующих букв составьте слова:*

Notpis – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fathksnrac – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Asuthex – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Icylnerd – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inegen – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tejakc – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estrko – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lpug – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Flue – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wrope – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Task 4. Переведите на английский язык следующие слова:*

Карбюратор, продукт, цикл, фаза, цилиндр, компрессор, мотор, энергия.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_

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| d | f | p | i | s | t | o | n | s | g | c | h |
| i | d | f | g | w | a | s | d | p | F | o | x |
| n | a | c | s | a | d | f | f | a | g | n | p |
| l | f | r | v | t | b | h | n | r | m | n | h |
| e | d | F | g | e | h | e | a | k | s | e | a |
| t | d | n | f | r | q | a | e | i | w | c | s |
| p | d | k | f | j | x | d | n | n | a | t | s |
| i | d | s | f | a | g | a | g | g | s | i | d |
| p | d | h | f | c | h | g | I | p | e | n | r |
| e | a | a | s | k | d | f | n | l | g | g | w |
| q | w | f | f | e | w | e | e | u | r | r | t |
| a | s | t | d | t | a | z | x | g | c | o | v |
| c | o | m | p | r | e | s | S | o | r | d | b |
| e | x | h | a | u | s | t | v | a | l | v | e |

*Task 5. Вставьте пропущенные буквы*

*и переведите слова на русский язык.*

Comp…stion \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cylind…r \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Liq…id \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exh…st \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dev…ce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Re…ase \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mechani…m \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ro…ate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vapor…se \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Carb…retor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Task 6. Найдите в кроссворде 10 слов.*

**Задание для закрепления изученного материала.**

**Найдите в кроссворде слова по теме «Двигатель»**

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| A | S | D | F | G | W | Q | S | T | E | E | R | I | N | G | S | Y | S | T | E | M | W | E | R | T | Y | U | P |
| A | Q | W | A | S | A | E | T | G | F | N | L | B | V | Z | X | C | V | B | G | H | Z | N | C | R | A | H | O |
| S | L | E | P | D | T | R | R | F | R | G | K | N | C | C | H | A | R | G | E | F | X | B | V | E | D | Y | W |
| D | K | R | O | F | E | T | O | D | T | I | J | C | O | N | N | E | C | T | I | N | G | R | O | D | M | G | E |
| F | J | T | I | G | R | Y | K | S | Y | N | H | G | B | G | F | F | S | A | F | C | C | P | Q | W | I | F | R |
| G | H | Y | U | H | J | U | E | I | U | E | G | A | S | A | F | X | C | N | D | I | V | I | M | I | S | D | T |
| P | H | A | S | E | A | I | A | G | I | F | F | S | D | F | G | C | V | M | S | N | B | S | N | N | S | S | R |
| A | А | В | K | F | C | O | L | N | O | D | Q | O | D | G | M | V | B | K | A | L | E | T | B | L | I | A | A |
| C | D | F | J | G | K | S | K | I | G | S | W | L | F | V | N | B | H | L | L | E | X | O | V | E | O | C | I |
| O | F | U | H | H | E | P | J | T | F | A | E | I | G | B | N | N | G | H | K | T | H | N | C | T | N | O | N |
| M | G | E | G | J | T | A | H | I | D | N | R | N | H | N | B | M | F | G | J | P | A | D | D | V | M | M | X |
| P | H | L | F | K | F | S | G | O | S | B | T | E | J | C | O | O | L | E | R | I | U | S | C | A | N | B | S |
| R | J | H | D | L | D | D | F | N | A | V | Y | N | M | A | G | Q | D | F | M | P | S | A | V | L | B | U | A |
| E | K | G | S | O | S | F | D | Z | C | D | I | E | S | E | L | W | S | D | N | E | T | M | B | V | V | S | S |
| S | L | F | A | A | A | G | S | M | V | X | S | B | D | S | V | E | A | S | V | C | P | N | C | E | C | I | D |
| S | S | O | P | E | R | A | T | I | O | N | D | V | L | I | Q | U | I | D | B | X | I | B | V | N | X | O | F |
| I | S | F | G | S | J | H | A | N | B | C | F | M | O | T | O | R | B | O | A | D | P | C | V | B | Z | N | G |
| O | D | E | X | P | U | L | T | I | O | N | G | S | D | F | G | H | J | K | L | A | E | M | N | B | K | L | H |
| N | H | G | F | D | H | G | F | D | F | H | F | M | O | T | O | R | B | I | K | E | S | D | F | G | H | J | K |
| A | E | X | P | A | N | S | I | O | N | G | A | S | P | A | R | K | I | N | G | P | L | U | G | V | F | G | D |

**Таблица самообследования**

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| **Название раздела** | **Количество баллов за письменные задания** | **Количество баллов за устные ответы** |
| Разминка «Азбука» |  |  |
|  Упражнение «Кластер» |  |  |
| Двигатель (основные понятия) |  |  |
| История создания двигателя (работа с текстом) |  |  |
| Цилиндр (основные компоненты) |  |  |
| Упражнение «Кластер» |  |  |