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| I am a student of the Technical College. My future speciality is Road Building Machinery. In order to become an educated specialist I am to study the following subjects: physics, chemistry, mathematics, social sciences, foreign language, strength of materials, electrical engineering, computer-programming and many others.  I believe that the economic prosperity of the country is closely connected with the adequate and efficient road network.  A great variety of different kinds of machinery is found in highway construction. The work is divided into several technology completed processes. The building of highways connected with a great volume of earth work is one of the most difficult, most labour-consuming processes. This type of work is produced by means of bulldozers, scrapers, graders and excavators. They are divided into three classes. The first class includes bulldozers of different types which carry out the work with the aid of a blade mounted on a tractor of either a crawler or a wheel type. Bulldozers are versatile machines on many construction sites where they can be used from the start to the finish. Scrapers belong to the second class of earthmoving machines. Their ability to load and haul earth gives them a definite advantage on many projects. As for excavators they belong to the third class. Manufacturers of excavating machinery, in designing their machines, try to make one attachment serve as many purposes as possible. The universal excavator is quickly convertible for use with the following digging equipment: shovels, drag shovels or back-acting trenchers, skimmers, cranes, etc. All modern plants are highly efficient machines, which are built to give years of service if properly used, handled and maintained.  And I will do all my best to master my profession to become a qualified specialist.  **3. Прочитайте текст, найдите английские эквиваленты следующих слов и словосочетаний:**  компьютерное программирование, экономическое процвета­ние, большое разнообразие, строительная площадка, мощ­ность, емкость, универсальный, соответственно (соответст­вующим образом), определенные преимущества, приспособ­ления обратного действия.  **4. Ответьте на следующие вопросы к тексту:**  1. What is your future speciality?  2. What subjects do you study? (Name some of them).  3. Do the roads play any role in the country’s economy?  4. What is the building of highways connected with?  5. What kind of machines are engaged in this process?  6. What can you say about a) bulldozers, b) scrapers, c) excavators?  7. What is a universal plant?  **5Найдите и запишите предложения со следующими словами из текста:**  1. the efficiency of adequate roads;  2. the types of the earth-moving machines;  3. the aim of the manufacturers of excavating machinery.    **6. Переведите следующие предложения на английский язык, пользуясь лексикой текста:**  1. Я полагаю, что экономическое процветание страны и состояние ее дорог тесно связаны.  2. Во время строительства дорог можно встретить множество машин и механизмов.  3. Земляные работы – самый трудоемкий процесс.  4. На строительных площадках бульдозеры могут выполнять как начальные, так и конечные операции.  5. Отвал может быть установлен (смонтирован) на гусеничном или колесном тракторе.  6. Машины могут служить долго, если их правильно использовать.  **7. Переведите следующие предложения на русский язык, обратите внимание на употребление модальных глаголов и их эквивалентов:**  1. The output of shovel should be expressed in cubic yards per hour.  2. Job conditions may be classified as excellent, good, fair and poor.  3. Each job planner must use his own judgement and experience in declining which condition best represents his job.  4. When using the motor grader the following ought to be taken into account.  5. If the machine is to be kept in operation for a long period of time the rods of the hydraulic cylinders must be maintained clean and dry.  6. A series of tests of the new grader had to be carried out last week.  7. Light rains may delay operations for several days.   |  |  | | --- | --- | | 8. If the conveyor is to handle food material or other material the rotating parts of the entire conveyor may be of stainless steel. |  | |