***1. Look at the pictures and match them with the professions? Выписать слова, перевести.***

carpenter, cabinetmaker, logging worker*,*  logging equipment operator, furniture finisher.

***VOCABULARY 1. Read and learn the new vocabulary. Pay attention to pronunciation. Выписать слова с переводом.***

1. timber industry– лесная промышленность

2. logging– лесозаготовка

3. logging enterprise– лесозаготовительное предприятие

4. wood– дерево (материал), древесина

5. woodworking industry– деревообрабатывающая промышленность

6. pulp and paper– целлюлозно-бумажный

7. require– нуждаться (в чем-л.); требовать ( чего-л.)

8. timber– лес, древесина

9. furniture– мебель

10.plywood– фанера

11.particle board– ДСП (древесностружечная плита)

12.fiberboard– ДВП (древесноволокнистая плита)

13.woodland– лесистая местность

14.develop– развивать

15.maintain– поддерживать

16.protect– защищать, предохранять

17.plant– сажать, сеять; растение; завод

18.seedling– саженец

19.soil erosion– эрозия почвы

20.timber-cutting (logging) worker – лесозаготовитель, лесоруб

21.harvest– зд. заготавливать (древесину)

22.raw material– сырьевой материал (сырье)

23.woodworker– плотник, столяр, древодел

24.lumber– лесоматериалы, пиломатериалы

25.craft– изготавливать

26.employ– нанимать на работу

27.sawmill– лесопильный завод

28.coniferous forest– хвойный лес [kə´nifərəs]

Hardwood – древесина лиственных пород

Softwood – хвойная древесина

***2. Complete each sentence with a word or phrase from ex.1. Translate the sentences into Russian Записать предложения, дополнив их подходящими словами из списка выше, перевести.***

1 . . . plays an important part in the economy of our country. 2..... is a process of cutting down trees in a forest for their wood. 3. Making things from wood is the task of …... 4. Most of the territory of the Komi Republic is covered by …... 5. These plants …… a lot of care and attention. 6. We needed to buy some new …. 7. … is a person whose job is cutting down trees and transporting wood. 8. These trees provide the ….…. for high-quality paper. 9. I'd like to ……. the seedlings in this half of the garden. 10. “Mondi” is one of the largest producers of…… products in Russia. 11. A … is a factory where wood is cut into boards using machinery. 12. Two more …were employed to craft furniture. 13. World forests are developed by planting new.

 ***3. Choose the correct form of the verb to complete sentences. Выбрать правильную форму глагола, записать предложения с переводом.***

1. Most timber in the world …. in the USA. a) produces b) is produced

2. Wood ….by logging workers***)***. a) harvests b) is harvested

3. These plants … under the Wildlife & Countryside Act. a) protects b) are protected

4. New equipment … at the plant. a) installed b) was installed

5. The modern woodworking complex … 100% of wood with zero waste. a) processes b) is processed

6. Generally, a high school diploma … for most logging occupations. a) needs b) is needed

7. Particleboard (PB)is a type of pressed wood that … of small pieces of wood particles and a synthetic resin ***(смола).*** a) makes up b) is made up

***4. These sentences do not make sense. Correct them so that they do.*** Найти и исправить ошибки в предложениях, записать верный вариант, перевести.

1. Does timber produce in your country?

2. Thousands of forest acres harvest each year.

3. Six sheets of plywood need to cover area of 14x16 ft.

4. About 12% of Europe's forests protect.

5. Saraghi nursery furniture manufacture and design from birch.

6. A lot of wood require for heating needs.

7. Fiberboard commonly use to manufacture furniture such as tables, desks and dressers, because it is strong and lightweight.

***5. Read and translate the text. Do the tasks below. Прочитать текст, сделать письменный его перевод. Выполнить упражнения после текста.***

***Timber Industry***

1. Timber industry in Russia, including logging enterprises, as well as the companies of woodworking and pulp and paper industry, can belong by right to the leading sectors of Russian industry. It is difficult to imagine any industry where wood is not required. Specialists of this field are demanded in the production of timber, furniture, plywood, particle board, fiberboards, parquet, etc.

2. Managing forests and woodlands requires many different kinds of workers. Forest workers help to develop, maintain, and protect the forests by planting new seedlings, fighting insects and diseases that attack trees, and helping to control soil erosion. Timber-cutting or logging workersharvest thousands of acres of forests each year for the timber that provides the raw material for countless consumersand industrial products.

3. Despite the abundanceof plastics and other materials, wood products continue to be useful and popular. Woodworkers help to meet the demand for wood products by creating finished products from lumber. Many of these products are mass produced, such as many types of furniture, kitchen cabinets, and musical instruments. Other products are crafted in small shops that make architectural woodwork, handmade furniture, and other special items. Different types of woodworkers are employed in every stage of the building process, from sawmillto finished product. Their activities vary greatly.

4. Timber is one of the greatest resources available in our republic as its territory is mostly covered by coniferous forests. So there is a great demand for specialists working in timber industry. At Ukhta State Technical University at the faculty of Timber Engineering students can get a Bachelor’s and Master’s degree in Engineering Technology (BEng, MEng) which will enable them to solve problems of the modern logging and woodworking industries. Training specialists in this field of engineering is dictated by the need of the Komi Republic and neighbouring regions in forestry specialists.

5. After graduation students can get a great variety of jobs. They can work as masters, technologists, supervisors, designers, directors of private companies and woodworking enterprises, and leading experts in design and research organizations.

***5. 1. Are these statements: a) true b) false c) there’s no information in the text***

• Timber industry includes logging, woodworking and pulp and paper industry.

• The task of logging workers is to harvest trees.

• Wood products are no longer popular. They are replaced by plastic and other materials.

• The unique characteristics of wood have made it a basic material for housing, furniture, tools, vehicles, etc.

***5.2. Which paragraph (1, 2, 3, 4, 5) expresses the following idea:***

• A lot of products are made from wood.

• Timber industry is well developed in Russia.

 ***5.3. Choose the right answer to the question: What is the main task of woodworkers?*** a) To protect wood b) To produce wood c) To create finished products from wood d) To craft specialty items

***5.4. What is the main idea of the text? Choose the best answer:***

a) Timber industry plays an important role in the economy of our country.

b) There are many jobs in the field of timber industrytoday which are important for our country and for our republic as well.

c) Graduates of Ukhta State Technical University can get a variety of jobs.

d) Logging and woodworking industries require a lot of qualified specialists.

***6. Look at the group of words. How are they formed? Translate them into Russian. Записать цепочки однокоренных слов с переводом, определить и записать, какой частью речи является каждое из них.***

industry – industrial – industrialize

produce – producer – production – productive – productivity

special – specially – specialize – specialty – specialist

profession – professional – professionally

develop – development – developed

use – user – useful – useless

graduate(v) – graduate(n) – graduation

technology – technologist – technological

engine – engineer – engineering

train- trainer – training

economy – economic – economical – economize – economist

***7. Read the whole text. In each paragraph mark the sentences which contain key information. Прочитать текст, сделать письменный его перевод. Выполнить упражнения после него.***

 1. Lumber industry means production and harvesting of trees for varied uses, such as the fabrication of telegraph poles and railroad ties, building construction, shipbuilding, and furniture manufacture. Lumber industry includes various businesses that convert trees, or timber, into lumber products. Other industries convert timber into pulp and paper, chemicals, or fuel wood.

2. The United States, Russia, Canada, Japan, Sweden, Germany, Poland, France, Finland, and Brazil are the chief lumber-producing countries in the world. In addition, many beautiful varieties of timber–such as mahogany, ebony, and rosewood, used chiefly in furniture manufacture–are produced in tropical Asian, Latin American, and African countries.

3. Lumber is produced from both hardwood and softwood. Wood from broadleaved treesis called hardwood, and wood from cone-bearing treesis called softwood, regardlessof its actual hardness. Many types of softwood are actually harder than some of the so-called hardwoods. Most lumber in the United States is softwood, such as southern yellow pine, Douglas-fir, ponderosa pine, western red cedar, and true firs. Most hardwood lumber, such as oak, gum, yellow-poplar, maple, and ash, is used for miscellaneous industrial applications, primarily wood pallets. Hardwood species with beautiful colors and patterns, such as black walnut, black cherry, or red oak***)***, are used for such high-grade products as furniture, flooring, paneling, and cabinets***.***

4. As global demand for lumber rises, increased harvesting has developed in tropical countries and recently in the northern or boreal forests of Russia. The current rate of harvesting in tropical rain forests alarms scientists because of ecological importance of these forests in the preservation of biodiversity. Forests also play an important role in regulating the climate of the planet by removing carbon dioxide from the atmosphere. Scientists are therefore also increasingly concerned about the role that tropical deforestation may play in global warming.

***7.1. State which of the sentences below are true according to the text.***

a. Deforestation may lead to global warming.

b. Asia, Latin America and Africa do not produce timber.

c. Hardwood is always harder than softwood.