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**Оценочный материал для диагностического тестирования
 по дисциплине:**

Профессиональный иностранный язык 1,2 семестры

Код, направление подготовки	01.04.02 ПРИКЛАДНАЯ МАТЕМАТИКА И ИНФОРМАТИКА
Направленность (профиль)	Математическое и информационное обеспечение систем управления деятельностью предприятий нефтегазовой отрасли
Форма обучения	Очная
Кафедра-разработчик	Кафедра иностранных языков
Выпускающая кафедра	Кафедра прикладной математики

**Раздел 1. Профессиональный иностранный язык для академического и профессионального взаимодействия.
 Семестр 1.**

Проверяемая компетенция	Задание	Варианты ответов	Тип сложности вопроса
УК 4.2, УК 4.3, УК 4.4	1. Choose the correct option: I have to _____ a computer screen for eight hours a day.	a. see b. look at c. watch d. stare	низкий
УК 4.2, УК 4.3, УК 4.4	2. Choose the correct option: Switch off your computer, and _____ it from the wall socket.	a. de-plug b. unplug c. non-plug d. plug out	низкий
УК 4.2, УК 4.3, УК 4.4	3. Choose the correct option: Unfortunately, my scanner isn't _____ at the moment.	a. working b. going c. doing d. performing	низкий
УК 4.2, УК 4.3, УК 4.4	4. Choose the correct option: Please _____ the CD ROM.	a. insert b. introduce c. inject d. put in	низкий
УК 4.2, УК 4.3, УК 4.4	5. Answer the question What is NOT an input device?	a. printer b. scanner c. light pen d. microphone	низкий
УК 4.2, УК 4.3, УК 4.4	6. Answer the question What is the definition for?	a. registers b. control units c. integrated circuits d. buses	средний

	Electrical channels which allow devices inside the computer to communicate with each other		
УК 4.2, УК 4.3, УК 4.4	7. Choose the correct definition to the word PERIPHERALS	a. any electronic or mechanical part of a computer; b. a set of instructions; c. input and output devices connected to the CPU; d. magnetic device used to store information	средний
УК 4.2, УК 4.3, УК 4.4	8. Choose all output devices	a. printer b. monitor c. keyboard d. camera	средний
УК 4.2, УК 4.3, УК 4.4	9. Match the following word combinations with their definitions: 1) random access memory 2) central processing unit, 3) motherboard, 4) hard drive	a. the brain of the computer; b. magnetic device used to store information; c. the main circuit board of the computer; d. is volatile.	средний
УК 4.2, УК 4.3, УК 4.4	10. Choose all the sentences in the passive voice. 1. Next year over 2,000,000 mobile phones will be made in South Korea. 2. People are spending too much money on personal expenses. 3. Most of the pollution in city centres is caused by traffic jams. 4. We were driving fast and overtook a lot of cars. 5. The roof of the building was damaged in a storm a few days ago. 6. He has just won £23,000 in the state lottery. 7. The Statue of Liberty was given to America by the people of France in 1876.	a. 1 b. 2 c. 3 d. 4 e. 5 f. 6 g. 7	средний
УК 4.2, УК 4.3, УК 4.4	11. Choose the best adjective: I can't use my mobile phone. The battery's ___	a. over b. flat c. working d. exhausted	средний
УК 4.2, УК 4.3, УК 4.4	12. Match the words with their definitions: 1. formatted 2. directory 3. read/write head 4. head crash 5. back up	a. a file system that defines the structure for keeping track of the files; b. the part of a drive that reads and records data on a disk;	средний

		c. to make a copy of data or software in case the original disk is damaged; d. initialized; e. a serious disk malfunction.	
УК 4.2, УК 4.3, УК 4.4	13. Choose all sentences with a gerund:	A. He has ruined his lungs by smoking. B. We saw a clown standing on his head. C. He hates spending money. D. Waving their hands, the spectators cheered the runners.	средний
УК 4.2, УК 4.3, УК 4.4	14. Match the type of software with the definition: 1. shareware 2. freeware 3. home-use version 4. professional version	a. A simplified version which is cheaper to buy. b. Software which is in the public domain. c. The full version with all the features. d. You can try it for a while for free.	средний
УК 4.2, УК 4.3, УК 4.4	15. Fill in the gaps: The "brain" of a computer is the 1___. Most of these are made by Intel and AMD, and are sometimes referred to as "2___". The fastest processors are 3___, which means that there are two processors working together. The 4 _____ of a processor is measured in megahertz, which is usually written as MHz.	a. speed b. dual core c. chips d. processor	средний
УК 4.2, УК 4.3, УК 4.4	16. Match the malware with the damage: 1. virus 2. spyware 3. trojan horse 4. keystroke logger or keylogger 5. worm	a. collects and sends private information from the infected computer to a third party; b. an undesirable program which can replicate itself across a network; c. allows a hacker to access private information when he/she wishes; d. a program which adds itself to an executable file, and can cause considerable	высокий

		damage to the data on the infected computer; e. records characters that are typed into a computer.	
УК 4.2, УК 4.3, УК 4.4	17. Choose the correct word: In Windows, the icon is just a _____ to the application. If you delete the icon, the application will still be on your computer.	a. connector b. shortcut c. link d. folder	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	18. Fill the gaps with suggested modal verbs: 1. _____ you play the guitar when you were seven? 2. It's too late. We _____ go home now. 3. Paul is very tired. He _____ have a rest. 4. It's getting colder and it _____ snow tonight. 5. _____ I make a suggestion? 6. You _____ drink water from the river.	a. mustn't b. shall c. might d. could e. must f. should	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	19. Read the sentences and decide which tense is needed (Past Simple, Past Perfect, Past Perfect Continuous). 1. He had married her two years before we (meet). 2. James told me you (buy) the old vicarage two years before your son's birth. 3. I wish we (buy) it before. 4. When I (arrive) at the station, the train had left. 5. He (play) tennis for 4 hours when he broke his leg. 6. The dog (come) into the house once she had finished the housework. 7. He (drive) his car for 10 minutes when he realized it had a flat tire.	a. past simple b. past perfect c. past perfect continuous d. past continuous	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	20. Choose all the correct sentences: 1. Sydney Harbour Bridge was building in 1932. 2. While they were carrying out tests in the laboratories, researchers were analysing past results. 3 The first real road builders in Britain was the Romans. 4. The Romans built roads of layers of broken stones of various	a. 1 b. 2 c. 3 d.4 e.5	ВЫСОКИЙ

	sizes and were covering them with flat stones. 5. The system didn't working because the loudspeaker had been wrongly connected.		
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Раздел 2. Семестр 2.

Проверяемая компетенция	Задание	Варианты ответов	Тип сложности вопроса
УК 4.2, УК 4.3, УК 4.4	1. Choose the correct option: To turn on the computer, _____ the "Start" button.	a. touch b. press c. switch d. turn on	низкий
УК 4.2, УК 4.3, УК 4.4	2. Choose the correct option: The printer has _____ of ink.	a. finished b. ended c. run out d. completed	низкий
УК 4.2, УК 4.3, УК 4.4	3. Choose the correct option: The batteries in my digital camera are nearly dead. They need _____.	a. to change b. exchanging c. changing d. to exchange	низкий
УК 4.2, УК 4.3, УК 4.4	4. Choose the correct option: The projector isn't working because it isn't _____.	a. plugged b. plugged in c. plugged into d. unplugged	низкий
УК 4.2, УК 4.3, УК 4.4	5. Complete the sentence: The Internet was first created in	a. the 1950s b. the 1960s c. the 1970s d. the 1980s	низкий
УК 4.2, УК 4.3, УК 4.4	6. Answer the question What is NOT a means of information transmission?	a. electric circuits b. coaxial cables c. satellites d. optical fibers	средний
УК 4.2, УК 4.3, УК 4.4	7. Match the words to make technical terms: 1) Java 2) source 3) programming 4) graphical	a. object b. applet c. code d. language	средний
УК 4.2, УК 4.3, УК 4.4	8. Choose the correct answer: On this topology, all devices are connected to the same circuit, forming a continuous loop.	a. star b. ring c. bus d. star bus	средний

YK 4.2, YK 4.3, YK 4.4	9. Which is NOT possible? I'll call her on my...	a. mobile phone b. cell phone c. moving phone d. cellular phone	средний
YK 4.2, YK 4.3, YK 4.4	10. Match the words with their definitions: 1) wire 2) source encoder 3) digital 4) frequency modulation	a. a device which maps the source into a set of binary strings b. where voltage levels change the frequency of a carrier wave c. a thin piece of metal for conducting electrical current d. a system in which data is represented as 0 or 1	средний
YK 4.2, YK 4.3, YK 4.4	11. Choose the correct answer: A file which is copied from the internet onto your computer is called _____	a. an upload b. a download c. a load d. a reload	средний
YK 4.2, YK 4.3, YK 4.4	12. Match the browser toolbar button with the function: 1. Back 2. Forward 3. Stop 4. Refresh / Reload 5. Home 6. Search	a. stops a page from downloading b. shows the latest version of the page c. displays the page you were on before using the Back button d. opens the search pane e. displays the page you have set as your home page. f. displays the page you were on before.	средний
YK 4.2, YK 4.3, YK 4.4	13. Choose all the sentences where To is necessary: 1) Jenny decided ... find a job. 2) You had better ... do it at once. 3) I can ... do it myself. 4) My parents don't let me ... come home late.	A. 234 B. 2 C. 2,4 D. 1	средний
YK 4.2, YK 4.3, YK 4.4	14. Which sentence is correct?	A. My friend asked me if I had seen them before. B. My friend asked has you seen me before. C. Has you seen me before my friend asked. D. Have she seen them before my friend asked.	средний
YK 4.2, YK 4.3, YK 4.4	15. Fill the gaps: A smartphone is a 1_____ that allows you to do more than make phone 2_____ and send text 3_____. Smartphones can browse the Internet and run 4_____ like a computer.	a. flash memory b. calls c. cell phone d. messages e. software programs f. touch screen	средний

	Smartphones use a 5_____ to allow users to interact with them. Smartphones use 6_____ to store apps and data.		
УК 4.2, УК 4.3, УК 4.4	16. Choose the correct option: 1. ___ are the key component in electronics. 2 They consist of three layers of silicon ____. 3 All ___ systems consist of input, a processor and output. and usually memory. 4 The input ___ and converts information while the output converts and supplies electronically processed information.	a. receives b. semiconductor c. electronic d. transistors e. electrical f. inducers g. resists h. superconductor	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	17. Choose the correct option: 1.The memory may not be present in simple systems. but its function is the ___ of information for the processor. 2. Continual developments in electronics give us increased ___ in electronic devices. 3. Electronic equipment controls ___ in, for example, weapons systems, cellular radiotelephone systems and domestic appliances. 4. Electronic devices have improved our lives by providing high quality ___ and entertainment.	a. transmission b. reliability c. microprocessors d. storage e. microwaves f. combination g. communication h. recovery	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	18. Choose ALL the correct answers: Broadcast signals can be	a. tactile b. audible c. visual d. a combination of all three	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	19. Choose ALL the correct answers: A telecommunications system can transfer	a. voice b. pictures c. computer files d. energy	ВЫСОКИЙ
УК 4.2, УК 4.3, УК 4.4	20. Choose all the correct sentences that are grammatically correct: 1. Before factories were told to stop polluting the environment, waste was being dumped in rivers and in the sea. 2. Louis Pasteur was discovering the action of germs while he was studying fermentation in wines. 3. The production process had already been shut down when the leak in the fuel tank was found. 4. Nuclear energy began to be used from the mid-1950s.	a. 1 b. 2 c. 3 d.4 e.5	ВЫСОКИЙ

	5. In the second half of the 20th century, the electronics industry transforming the way we work in factories		
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