**Національний авіаційний університет**

**НН Інститут Аеронавігації**

**Кафедра авіаційної англійської мови**

**Затверджую**

Зав. кафедри \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

(підпис) (ПІБ)

«\_\_\_\_\_\_»\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_20\_\_\_р.

**Екзаменаційний білет №\_\_**

Дисципліна «Іноземна мова за професійним спрямуванням»

І. Бесіда на задану тему.

ІІ. Прочитайте та перекладіть текст. Поставте запитання до виділених слів.

III. Вправа на граматику.

Затверджено на засіданні кафедри

Протокол №\_\_\_\_ від „\_\_\_\_” \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_\_року

Викладач \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(підпис) (П.І.Б)

***ВИМОГИ ДО ІСПИТУ***

1. Зробити усне повідомлення за широким спектром тем семестру. Монологічне висловлювання обсягом 10–15 речень обов’язково повинно включати засвоєний протягом семестру лексико-граматичний матеріал, відповідати мовним нормам, бути логічним і послідовним. На підготовку відводиться одна академічна година.

2. Прочитати та перекласти оригінальний текст. Поставити три запитання за текстом до виділених слів.

**The exam topics**

1. The use of electronics in the home nowadays and in the future.
2. Block and circuit diagrams.
3. Components of electronic circuits.
4. Batteries. Their functions and use.
5. Primary and secondary batteries.
6. Making a recording: the stages and necessary equipment.
7. The stages involved in the production of CD-disks.
8. A remote control: keys and electronic components.
9. An alarm system and its principle of operation.
10. The radio and its use.
11. How does a radio work?
12. Radio waves and their types.
13. Radio wave propagation.
14. Ground or surface waves. Their frequencies, range and possible difficulties.
15. Sky waves. Their frequencies, range and possible difficulties.
16. Space waves. Their frequencies, range and possible difficulties.
17. A tuner and its typical circuit
18. Transistor characteristics.
19. The invention of a transistor and its influence on electronic devices.
20. Metal detectors.
21. Sockets and plugs.
22. A music centre.
23. A music centre: the function of a pre-amplifier.
24. A music centre: the function of a power amplifier.
25. A music centre: the functions of a graphic equalizer.
26. A music centre: the difference between a hi-fi and a midi-fi system.

**Exam card 1**

1. **Dwell on the given topic.**
2. **Translate the text into Ukrainian. Make up questions to the highlighted words and word combinations.**

**The invention of the transistor** triggered the rapid growth of the electronics industry. Before transistors , electronic circuits were large , **bulky and unreliable** , they consumed considerable power (energy) and therefore generated too much heat , which contributed to the deterioration of other circuit parts and materials, such as resistors, capacitors and insulation. With transistors, circuits became much smaller, more efficient in the use of energy, and far more reliable. The higher reliability of the transistor circuits compared to vacuum tube equivalents is an extremely important advantage. The techniques used to manufacture transistors led to the development that made it possible to mass-produce very small and highly reliable electronics circuits commonly known as **integrated circuits** (ICs). ICs have diodes, transistors, resistors and all inter-connecting leads formed on а single piece of semiconductor material.

1. **Put the words in brackets into the correct form.**
2. Elizabeth (currently to write) a children's book titled “I am the World”.
3. I arrived very late at the party. All my friends (to go) home.
4. They( not to work ) for more than a week. So they didn`t get their salary.
5. (you ever to go) ice skating?
6. I (to work) for my exam on Philosophy all day tomorrow.
7. By this time next year I (to move) into a new apartment.
8. It started to rain just as we (to get ready) to have our picnic.
9. He always (to close) the window in the evening.
10. By 20 of May we (to do) this work for three months.
11. The sun (to rise) tomorrow.