**Лексика по теме «Computers». III семестр. Группа A, 2022.**

1. Since – с (предлог), так как (союз)
2. science – наука, scientific – научный
3. essential – важный, существенный
4. to perform – выполнять
5. to Access – получать/иметь доступ, обращаться
6. an Access - доступ
7. to improve – улучшать
8. to devElop - развивать
9. pUrpose – цель
10. to keep rEcords – вести записи/учет
11. to recOrd - записывать
12. to enroll – записываться
13. built-in – встроенный
14. mode – режим
15. to combine – совмещать
16. to store – хранить
17. to enable – давать возможность
18. to carry out – выполнять
19. instead of – вместо
20. secure – надежный
21. to prevent (from) – предотвращать
22. to apply - применять
23. to replace – заменять, замещать
24. to serve – обслуживать, служить
25. to depend on – зависеть от
26. to retrieve - извлекать
27. to procEss – обрабатывать
28. compOnent – компонент, составная часть
29. hardware – аппаратные средства
30. software – програмное обеспечение
31. peripherals – периферийные устройства
32. to attach – прикреплять, присоединять
33. to Execute – выполнять, исполнять
34. to include – включать
35. to consist of – состоять из
36. storage device - устройство хранения
37. input/output device - устройство ввода/вывода
38. to provide – обеспечивать
39. hard drive (hard disc drive, HDD) – жесткий диск
40. USB flash drive/flash drive/pen drive/memory stick/USB stick - флешка
41. to extract - извлекать
42. to allow - позволять
43. socket – разъем, сокет
44. common – обычный, распространенный
45. … are classified into X types/categories - классифицируются, разделяются на …
46. … are classified by…классифицируются по…
47. … can be divided into X types/categories – могут быть разделены на … (типы, категории)

\*A hard drive is a storage device that, unless explicitly specified, resides inside the computer case. It is generally assumed that when you say hard drive, you mean a mechanical hard drive, which stores data by using magnetic read/write heads to write data to disks in binary format. There are SSDs, which stands for Solid State Drive, which works the same way as a flash drive, but on a larger scale. Hard disk drive is the mechanical hard drive. Disk drive is any type of storage device in which stores data on a disk. There are hard disk drives (HDD), optical disk drives (ODD), and Flexible/Floppy Disk drives (FDD). A RAID storage system is when you use multiple hard drives/SSDs at the same time to gain speed or data resiliency.

**\*Hard drive** and **hard disk drive** refer to the data storage elements *plus* all the electronics that support, or *drive*, the reading and writing of data to/from storage. If, for example, the power electronics were removed, you'd still have a hard *disk* but not a hard *drive*.

**abort** (v) - to end a program or a process before its completion. *When the word processor application crashed, the user had to abort the program and lose all his unsaved changes.* (прервать, завершать; аварийно завершаться).

**bug** (n) - an error in a computer program. *An average developer will create one bug for every 10 lines of code written.* (ошибка в программе, сбой, дефект).

**compatible** (adj) -capable of being used without modification. *The IBM 360 was the first commercially successful computer family with a wide range of compatible parts.* (совместимый; совместимое устройство).

**crash** (n)- a computer failure due to faulty hardware or a serious software bug. *The user was advised to reboot the computer after a serious crash in which the computer no longer responded.* (сбой, аварийный отказ).

**end user** -a person who uses a product or service on a computer. *Developers must maintain a close relationship with end users if they want to have a successful career.* (конечный пользователь).

**error** (n) -an incorrect action attributable to poor judgment, ignorance, or inattention. *The computer reported a "division by zero" error and automatically aborted the program.* (ошибка).

**execute** (v) **-** to start a program on a computer. *The program was set to execute every night at midnight. (выполнять, запускать программу).*

**feature** (n) - something a computer program is "supposed" to do; these are often reasons to use a particular program or upgrade to a more recent version. *The man upgraded his copy of Word because of a new feature that allowed him to spell-check documents in Spanish.* (особенность , характеристика, функция).

**closed source -** software in which the license stipulates that the user cannot see, edit, or manipulate the source code of a software program. *I wanted to develop a new feature for the program, but I couldn't because it was closed source.*(программы с закрытыми исходниками).

**proprietary** - privately developed and owned technology. *Because of proprietary code, you may not modify or redistribute the source code of Windows or Macintosh operating systems.* (частный, собственный, патентованный).

**open source -** a program in which the code is distributed allowing programmers to alter and change the original software as much as they like. *The article stated that many programmers prefer open source solutions because they can modify features and fix bugs without waiting for an upgrade or patch from the manufacturer.*  (программы с открытым исходным кодом, открытые исходные тексты, открытые исходники)

**programmer (computer programmer**, **developer**, **coder**, or **software engineer) -** a person who writes or modifies computer programs or applications. *The software company needed to hire three new programmers to help debug their flagship application.*

**debug** *(v) (*NOTE: debugging – debugged) *-* to test a program and locate and correct any faults or errors. *They spent weeks debugging the system.* (отлаживать , исправлять ошибки ).

**terminate** – to end. (останавливать, прекращать, внезапно завершать)