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Amalou Secondary School- Bejaia. **January 2020.**
Level: Third year FL. **Duration: 1 hour.**

The Second Term English Test

Family name: ……

Surname: ……

The word, “hacker,” is usually used in relation to cyber criminals, but a hacker can actually be anyone who utilizes their knowledge of computer software and hardware to break down and bypass security measures on a computer or network. Hacking itself is not an illegal activity unless the hacker is attacking a system without the owner’s permission. Because not all hackers are bad, they are generally categorized into three types: “white hat”, “grey hat”, and “black hat” hackers.

Like all hackers, black hat hackers usually have extensive knowledge about breaking into computer networks and bypassing security protocols. **Their** primary motivation is usually for personal or financial gain, but they can also be involved in cyber espionage, protest or perhaps are just addicted to cybercrime. Hence, black hat hackers are evil and dangerous because they do not only seek to steal data, they also seek to modify or destroy data as well.

On the contrary, white hat hackers choose to use their powers for good rather than evil. Also known as “ethical hackers,” white hat hackers can sometimes be employees working for companies as security specialists that attempt to find security holes via hacking. White hat hackers employ the same methods of hacking as black hats; with one exception- **they** do it with permission from the owner of the system first, which makes the process completely legal.

Grey hat hackers are a blend of both black hat and white hat activities. Oftentimes, they look for vulnerabilities in a system without the owner’s permission or knowledge. If issues are found, they will report them to the owner, sometimes requesting a small fee to fix the issue. If the owner does not respond, then the hackers may post the security problems for the world to see. Usually, grey hat hackers do not exploit the found security holes. However, this type of hacking is still illegal and unethical because the hacker did not receive permission from the owner before trying to attack the system.

In conclusion, although the word ‘hacker’ tends to evoke negative connotations when referred to, it is important to remember that all hackers are not created equal.

https://us.norton.com/internetsecurity-emerging-threats-what-is-the-difference-between-black-white-and-grey-hat-hackers.html

A- Comprehension:

1- ***Circle the letter that corresponds to the right answer*:**

A- All hackers …

a- act illegally. b- are cyber criminals. c- know how to break into computer networks.

B- White hat hackers ……

a- are evil. b- behave ethically. c- behave just like black hat hackers.

C- Grey hat hackers…..

a- don’t always harm people. b- don’t act illegally. c- act legally.

2- ***Answer the following questions according to the text.***

a- Is hacking always considered an illegal activity? If not, when is it considered so?

……

……

…… .

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b- Why are black hat hackers considered so bad?

……

……

c- What is the difference between white hat and grey hat hackers?

……

……

3- Fill the following table with information from the text:

Black hat hackers	White hat hackers	Grey hat hackers
- Are always evil. - Don't ask for permission.	- …….. - ……..	- …….. - ……..

4- ***What or who do the underlined words refer to in the text*?**

a- <u>their</u> (§2): …… b- **<u>they</u>** (§3): ……

5- The text is: a- prescriptive. b- descriptive. c- argumentative. d- expository.

B-*<u>Text Exploration</u>*:

***1- Find in the text words that are closest in meaning to the following*:**

a- information. (§2) = ……..……... **b-** mixture**.** (§4) = ……..

b- repair (§4) = ……

2- Re-write the sentence B so that it means the same as sentence A.

A. Some hackers are so intelligent that they can destroy any security system.

B. Because of …….

……...

A. Black hat hackers modify and destroy data.

B. Data ……...

A. White hat hackers are being recruited by many companies.

B. Many companies ……...

3- Classify the following words in the table according to their stressed syllable.

activity- motivation- unethical- hacker.

On the 1st syllable	On the 2nd syllable	On the 3rd syllable
……..…...	……..……..	……..……..
……..…...	……..……..	……..……..

4- Fill in the gaps with only 4 words from the list given:

superior - illegal - strong- unethical - knowledge.

All hackers seem to have one thing in common: a natural curiosity and a …… desire to figure out how things work. Many devote their time to understanding computer applications and systems, reaching a level of knowledge sometimes equal or ……. to the creators' themselves. This knowledge is not in itself a bad thing nor a good thing; it's what these hackers do with the …… that makes them ethical or …… hackers.

ALL THE BEST

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