Name: Eric Schnelker

Teacher: Mr. Nicollerat

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**Computer Education**

Directions: *Read each question carefully. Please clearly print your answer in the space provided.*

1. Data is raw facts prior to processing.

2. Information is processed data.

3. Grace Hopper came up with Symbolic Notation in the 1950s in order to make computers more user friendly.

4. Computers only understand Machine Language.

5. ROM stands for Read Only Memory.

6. The closer to capacity RAM is, the slower the computer runs.

7. ROM contains Start-Up Instructions.

8. 1 Byte (8 bits) can be configured in 256 different ways.

9. Making one thing smaller by shortening words and substituting symbols for words is also known as compression.

10. Defragmentation is taking a hard drive, moving the data to an external source, and then moving it back, which organizes the information and therefore creates more room on the hard drive.

Directions: *Read each question carefully. Write whether the question is True or False on the lines provided.*

11. Blu-Ray discs can only store 1 Gigabyte of data. False

12. Wi-Fi is a wireless way that you can connect your device to a wireless keyboard, mouse, or earpiece. False

13. Memory Cards are devices that store data/information and use flash memory. True

14. The World Wide Internet Activities Directory gives us protocols that allow us to move data/information. False

15. Wikis make it easy for people to change what appears on a wiki web page. True

16. Podcasting stands for personal on demand casting. True

17. The toolbar (Windows)/dock (Mac) is used for creating documents or sending data to other computers. False

18. The Vlookup command connects 2 files in a spreadsheet. True

19. File Transfer Protocol (FTP) is the protocol of the Internet. False

20. Circuit switching is when a message is broken into parts that are all sent in different directions until they are reassembled at the destination. False

Directions: *Read each question carefully. Write the letter of your answer to the left of the question.*

21. A. If a website has green information in the address bar, it

A. is a secure website. C. contains a virus.

B. is an unsecure website. D. contains an automatic redirect loop.

22. C. The internet is based on

A. File Transfer Protocol. C. Client Server Architecture.

B. TCP/IP. D. Machine Language Instruction Cycle

23. D. Google Documents can

A. turn offline articles into online documents. C. allow people to collaborate on specific projects,

such as documents, with ease.

B. allow the owner to see any changes the D. All of the answers are correct.

person he/she shared it with made.

24. C. The Internet is

A. a service created by the World Wide C. a network of networks that spans the globe.

Web Consortium in the 1960s.

B. a way for household members to speak D. the name of a gun store.

with each other while in different rooms using

a flashlight.

25. D. Computer viruses

A. are usually designed by criminals to multiply C. are obtained by opening, downloading, or installing

and move from computer to computer in an infected file.

order to infect them.

B. are always malicious. D. All of the answers are correct.

26. B. Trojan viruses

A. send information to the developer C. are easily detected and removed.

of the virus.

B. allow more viruses in, which allows D. All of the answers are correct.

criminals to access your information.

27. B. <img src=”file.jpg”> “src” is a(n)

A. script. C. source.

B. attribute. D. tag.

28. A. What does <ul> stand for in HTML?

A. Unordered List C. Uber List

B. Unidentified List D. None of these are the correct answer.

29. C. 00010011 is what number in Binary?

A. 32 C. 19

B. 45 D. 21

30. B. DF is what number in Hexadecimal?

A. 224 C. 225

B. 223 D. 226

Directions: *Read each question carefully. Your answer must be at least five sentences long. You must use complete sentences in order to receive credit.*

31. What is the difference between “Save” and “Save As...”?

"Save" simply saves your work. It does this by updating the last saved version of the file to match the current version you see on your screen. "Save As..." brings up a prompt to save your work. This would allow you to save your file as a file with a different name. This way, you can save you file at different stages and keep multiple versions on your hard drive. You have to save a file with “Save As...” before you can use “Save”.

32. Explain the difference between RAM and ROM.

RAM and ROM are both different types of memories used in any computer to make it fast and to enable it to access information stored in the computer. RAM is a part of hardware that stores operating system’s application programs and currently running processes that can be accessed randomly. Every computer comes fitted with ROM memory that holds instructions for starting up the computer. This is a memory that has data written permanently on it and is not reusable. ROM is non-volatile and generally cannot be written to.