PRIMARY STORAGE – Assessment

Fill in the blanks to complete the following sentences.

1. _____ refers to the media and devices used to keep data and instructions available for immediate or later use.

2. The process of moving data or information stored in a storage medium into memory is known as _____, while _____ is the process of moving data or information from memory to a storage media.

3. We group storage into two categories: _____ and _____ storage.

4. The _____ is the main printed circuit board of a computer.

5. _____ also called main memory or immediate access storage, is a group of chips that resides in the motherboard of the computer.

6. Primary storage consists of _____ and _____ chips.

7. A memory chip is an integrated circuit (IC) made up of millions of _____ and _____.

8. RAM is also called _____ because it holds data and instructions while processing is taking place, as well as holding the data that results from processing.

9. Programs and data stored in secondary storage must therefore first be loaded into _____ before they can be processed.

10. If programs and data are not stored on a _____ medium, they will be lost when the power is turned off.

11. The information in RAM is said to be _____ because it is temporary and changeable.

12. _____ chips hold the data and instructions that are necessary for starting up the computer.

13. ROM is commonly used to store system-level programs such as the _____.

14. The instructions stored in ROM are fixed at the time of manufacture and are sometimes described as being _____.

15. ROM is said to be _____ as it cannot be easily changed.

16. _____ is a type of ROM that can be programmed using special equipment; it can be written to, but only once.

17. An _____ is a ROM that can be erased and reprogrammed.

18. _____ is a special type of ROM chip that can be erased and reprogrammed repeatedly by a user.

19. A _____ can be a letter, a number, a symbol, a punctuation mark or a blank space.

20. A _____ is the number of bits the computer can process in one operation.

21. A _____ is a device that can be set to one of two states at any one point in time.

22. The smallest unit of storage is known as a _____.

23. A _____ is made up of a combination of eight bits and has the storage power to represent one character.

24. The amount of data and instructions that can be stored in the memory of a computer or secondary storage device is measured in _____.

LIVEWORKSHEETS