

WGU C182 Introduction to IT Questions & Answers

2022/2023

1. **Assembly and machine language are examples of which type of programming language>>>** These are examples of *low-level programming languages*.

2. **JavaScript, Python, PHP, and JSP are examples of what type of programming language>>>** These are examples of *scripting languages*.

3. **BASIC, C, C++, FORTRAN, and LISP are examples of which kind of programming language>>>** These are known as *high-level programming languages*.

4. **A system comprised of different parts working together to accomplish a goal is known as what>>>** This loosely defines *Information Technology*.

5. **Maintaining computer systems, installing hardware/software,**

configuring OSs, and performing some scripting are the roles of which type of administrator>>> These are typically some of the roles associated with a *Systems Administrator*.

6. Running wire, working with network hardware, configuring machines for network communication, and troubleshooting the network are roles of which type of administrator>>> These are typically some of the roles associated with a *Network Administrator*.

7. Designing, developing, and supporting DBMSs (Database Management Systems) are roles of which type of administrator>>> These are typically some of the roles associated with a *Database Administrator*.

8. Installing, configuring, and administering firewall security are some of the roles of which type of administrator>>> These are typically some of the roles associated with a *Security Administrator*.

9. Installing, configuring, maintaining, securing, and troubleshooting web servers are the roles of which type of administrator? These admins may be referred to as a "webmaster" and may or may not be responsible for the server hardware.: These are typically the roles associated with a *Web Administrator*.

10. **What are some skills desired for IT personnel>>>**

Troubleshooting/problem-solving, knowledge of operating systems, system level programming (scripting), system security, hardware.

11. **Information can be defined as _____ data.: Processed**

12. **Is data *more* or *less* structured than information>>>** Data is *less* structured than information.

13. **_____ is the output of some process.: Information**

14. **What does DIKW refer to>>>** Data -> Information -> Knowledge -> Wisdom

15. What is the difference between information and data>>> Data consists of raw inputs, whereas information consists of data that has been processed into more useful material.

16. A set of tools, such as computer hardware & software, and the people that use these tools in order to manipulate data to obtain information describes what>>> This is an *Information System*.

17. What 5 characteristics does *quality data* consist of>>> Relevant - timely - thorough - accurate - reliable

18. What does *IPO* / *IPO+S* refer to>>> Input - Processing - Output - Storage

19. What four operations does a computer perform>>> IPO / IPO+S - Input - Processing - Output - Storage

20. The physical components of the computer are referred to as what>>>
The physical components of the computer are referred to as *hardware*.