

IST346-Exam-1d (Group-IST346-2022-Spring-Jorgensen)

Exam Instructions:

- Work alone. Eyes on your own exam. This goes without saying!
- Answer all questions.
- You have the entire class period to complete the assignment.
- When you finish, click submit.
- Maximum total score is 25.

1. For the following Linux command: `ls -l /usr/bin` which part is the option? *
(1 Point)

- ☐ /bin
- ☒ -l
- ☐ /usr/bin
- ☐ ls

2. This helps assess the economic value of an investment through its potential: *
(1 Point)

- ☐ Indirect costs
- ☐ Direct costs
- ☐ TCO
- ☒ ROI

3. A number reserved on a TCP/IP network host for service communication is known as a: *

(1 Point)

- ☐ NAT
- ☐ IP Address
- ☐ protocol
- ☒ port

4. Your employer likes to redesign their website every two years. Based on a quote from vendor "A", you know an upgrade /redesign of your company's website will cost \$80,000. What is the expected gain for an ROI of 10%? *

(1 Point)

- ☒ \$8,000
- ☐ None of these
- ☐ \$88,000
- ☐ \$72,000

5. The calculation which measures the economic value of an investment through its cost is called: *

(1 Point)

- ☒ TCO
- ☐ SMO
- ☐ RFP
- ☐ ROI

6. A means to isolate an application from other applications is referred to as a: *
- (1 Point)
- ☐ cattle server
 - ☐ container
 - ☒ virtual machine
 - ☐ pet server
7. The part of the IT organization which provides direct support to its users is called the: *
- (1 Point)
- ☐ self-help center
 - ☒ help desk
 - ☐ systems support
 - ☐ systems administration
8. What is the common networking command that you would use to discover the IP address of the name ischool.syr.edu? *
- (1 Point)
- ☐ ping
 - ☐ tracert
 - ☐ ipconfig
 - ☒ nslookup
9. The linux command line to show the contents of a file is: *
- (1 Point)

☒ cat☐ ls☐ cp☐ mv☐ rm

10. To inspect a computer for both inbound and outbound network traffic we use which command? *

(1 Point)

☐ tracer☐ nmap☒ netstat☐ ping

11. A networking device which exchanges packets across separate networks is known as a: *

(1 Point)

☐ hub☒ router☐ access point☐ switch

12. What is an advantage of using IPv6 over IPv4? *

(1 Point)

☐ Makes IP networking easier to administer.

- ☐ Reduces the need for network Firewalls.
- ☒ Increases the amount of IP addresses available to use.
- ☐ Easier to distinguish addresses from one another.

13. A department wishes to purchase a new software suite, which of the following would be considered a direct cost of this acquisition? *

(1 Point)

- ☐ Deployment costs
- ☐ Yearly licensing costs
- ☐ Productivity costs
- ☒ Training costs

14. The purpose of a firewall on computer networks is to... *

(1 Point)

- ☐ Prevent computers from overheating
- ☐ Allow multiple computers to share the same Internet connection
- ☐ Prevent viruses or malware from being entering a computer
- ☒ Prevent unwanted network connections from being made

15. The part of the Operating System which is responsible for process, memory and device management is known as the: *

(1 Point)

- ☐ task manager
- ☐ boot loader
- ☒ kernel

 container

16. What is the acronym for the common network service that translates names to IP addresses? *

(1 Point)

- ☐ DHCP
- ☐ NAT
- ☐ SMTP
- ☒ DNS

17. Which is a difference between consumer IT and enterprise IT? *

(1 Point)

- ☐ Consumer IT support is centralized
- ☐ Consumer IT is mission critical
- ☒ Enterprise IT is managed and supported by the organization
- ☐ Enterprise IT is easier to administer

18. The linux command to rename a file is: *

(1 Point)

- ☐ ls
- ☐ cat
- ☒ mv
- ☐ rm
- ☐ cp

19. The common network service that automatically assigns IP addresses to connecting devices. *

(1 Point)

- ☐ DNS
- ☐ SMTP
- ☐ NAT
- ☒ DHCP

20. What is the user interface that makes it easier to automate tasks? *

(1 Point)

- ☐ Remote console interface
- ☒ Command-line interface
- ☐ Graphical user interface
- ☐ Application programming interface

21. Which of the following is NOT one of the classic arguments for Centralization of IT services? *

(1 Point)

- ☐ Reduction of personnel costs
- ☐ Improved efficiencies
- ☒ Improved response times to customer requests
- ☐ Staff can focus on and become experts on specialized tasks.

22. A _____ is a virtual machine that is installed and run within your virtualization platform. *

(1 Point)

- ☒ Guest
- ☐ Host
- ☐ Container
- ☐ Image

23. What is the common TCP/IP command utility used to trace how a packet traverses across a network? *

(1 Point)

- ☐ nslookup
- ☒ tracer
- ☐ nmap
- ☐ ping

24. Which command do we type to download updated versions of the lab files from GitHub? *

(1 Point)

- ☒ git pull origin master
- ☐ docker-compose up -d
- ☐ git update
- ☐ docker-compose update

25. A highly customized computer which performs a specialized task and requires special procedures for maintenance is referred to as a: *

(1 Point)

- ☒ pet server
- ☐ cattle server

- ☐ container
- ☐ virtual machine

This content is created by the owner of the form. The data you submit will be sent to the form owner. Microsoft is not responsible for the privacy or security practices of its customers, including those of this form owner. Never give out your password.

Powered by Microsoft Forms | [Privacy and cookies](#) | [Terms of use](#)