FUNDAMENTALS OF VOICE & DATA CABLING **CHAPTER 11 STUDY GUIDE**

1.	What	is a	servi	ce lo	op?	?		
	coil	of	calle	wed	L	tale	Up	plack

2. How much cable should be left outside of a wall plate before terminating it? Where should the first label be placed on it? How much unjacketed cable is allowed at the termination block? (helps

left outsite 1, Trypel about 5-7 cm

3. What is meant by dressing the cable?

hadled and secured to rocks in an orderly manner

veloce linds it to pomething

4. What are the two most common ways of dressing cables? Which one is considered a better way to dress cables?

velino - can le undone, letter mon nulon - hikan Fier

5. What are the two types of splices used in copper voice cabling?

draight alice of but solice

6. What tool can be used to trace cables that haven't been labeled?

they I probe

7. What are D-rings and what are they used for?

word to noute the brendle of cable to Main points of tenerilian

part of calle management agreem

8. What are mushrooms and what are they used for?

used to route able, last on a stick that calles can wing around

9. What is a MUTO? Where would you find it in a structured cabling system? How any users can be connected into one MUTO? multi-user taleian without, placed in office layout, review between six of 10 mars within
10. What is raceway? How does it differ from guttering? Where would you usually find raceway in a structured cabling system?
wered who management
11. What is a cable tray? Where would you usually find it in a structured cabling system? used to provide a pathony and support for lites debtes to lackbone cables on TR
holds caller in TR 12. What is a ladder rack? Where would you usually find it in a structured cabling system? Link from vections That resemble a ladder.
holds cables and the down 13. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 15. The only 16. The only 16. The only 17. The only 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? Where would you usually find them in a structured cabling system? 18. What are J-hooks and bridle rings? 18. What are J-hooks and bridle rings?
Inite ring - P - Lots also houther 14. What is the maximum distance you should allow between cable supports so that the cable doesn't droop too much and cause possible changes in the twist geometry of the wires in the cable? 1.5 miles
15. Why do we call pairs of wire "tip and ring"? Sorined from the old mintelstoard originally used for telephone callo

- 16. What are the ring colors of modern day telecommunications cable? List a mnemonic to remember this. The many many law later
- 17. What are the tip colors of modern day telecommunications cable? List a mnemonic to remember this.
- 18. When are binders used in 25-pair cabling? How many wires are in each binder? What are binders called that contain multiple binders?

each landy has 625 pais, each lander has a solve according.
more this 25 pais, use Dinder
paper-lander

· beyond 2400, a different who code is used

19. List the correct order of Cat 5e cable coloring scheme.

TSGE A- glv, g, slu, blue, bluela, o, br.lu, br

TSGE B- dr, o, glv, blue, bluela, g, borla, br

bliela, blue, orangela, orange, green, green, brownlu, brown

20. What is the difference between the 568A and 568B wiring schemes? Which cabling standard is normally used by U.S. businesses?

1,2,3, +6 we believent

21. List the correct wiring scheme for a Cat 5e cable using:

568B	568A
0/w	g/w
0	3
g/w	olu
6)	. 61
61/4	61 /w
3	0
brh	belo
br	60

22	What	are	RJ-48	iacks	used	for?
<u>~~</u> .	VVIICE	ui U	110 10	jaono	acca	.0

used for TI circuits, different know RJ-45

23. What type of network is STP normally used on? Does STP use an RJ-45 jack?

24. What are the two most common types of coaxial connectors? Which one is used primarily for video? W + F connectors

Francetor and in video applications

25. Name 4 types of common terminations of communication cables. Briefly describe each one.

66 Place

BIX - has ID(in it shows I look - mainly most in Europe

need different purchform tools

- 26. What type of tool is normally used to terminate wires on a 110 block?
- 27. What are D-connectors? Where would you normally find one in a network?
- 28. What type of fiber cable normally has a jacket color of orange? Of yellow?

orange - millioneds

29. What is the main difference between an ST and an SC connector?

ST - buyonet

50 - whice oney in

30. What are other types of fiber connection?

FC - low low bayout but threaded

MTRJ -

LC - omale SC

- 31. What are the two ways to splice fiber cable? Briefly describe each one.
- 32. What is meant by the term "cross connecting"?

interconnecting two naturales