Brandon Buchara,

FUNDAMENTALS OF VOICE & DATA CABLING CHAPTER 10 STUDY GUIDE

¬1. Where should cables be labeled? When is considered the best time to label cables?

Anning rought in , I m for each and all the way down the cable

- both and , before you pull t before you cut

2. Name some safety measures that should be taken when installing cable in an existing building where other workers are?

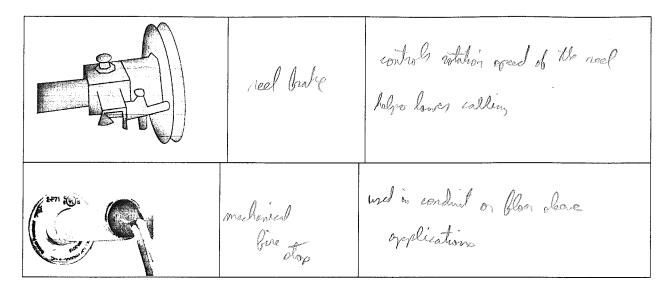
3. What is the staging area? Where should it be located?

oven where the intallation operation is lared

4. Identify the cabling tools/items below and briefly describe each one:

Tool	Name	Description
	able tree	pupports a # ob mull reels of culls pulls multiple news
C Report of the second of the	grodnast block	holys make cable terms more Han 450 unded for heavy lacklone cabling yills cables to TM

pulley	prevents alle from dropping on suffice But well dameng the calle should
hoire mesh (Kellem grip)	attached to end of cable so that a gentling sings can be tied to the end of the cable (chiver lings, ling)
Nocensanji	channels that contains calcles in an installation, include conduit, calle trenge or ladder racks, and plattice or metal and extended receiving
j-hook	forten cubles
laidle ving	fusten callo
rolle troup	



5. What is a bullwheel used for?

large hierates julley that is used in mechanical table jully process

6. What is a "pull check"?

In one alt all goes dere

7. When pulling cables across ceilings and through walls, how should the cable be positioned?

purallel to walls

most direct path

don't kane call on seil's tales

8. List the steps you should go through to pull cable from the staging area to the work area:

- the are removal

- remarent forteness are monted every mater

- multiple reals of valle on a calle tree one part in place

- pull rope in put in she

- a meter of whe is pulled from each of the reals

- such of the rule and no habeled and a temporary belief is stacked to each real

- calle lindle is now julled from the for and

- 9.	What are the	generally	/ accepted	practices	for	conduit	runs?
٠.	TTTIAL AID LIIO	901101011	accopica	7.00.000			

physild nave, to Called more than 40%

. two 90° wrote

10. What fool is inserted into an outlet box and used to push up through conduit/raceway or behind the wall to the ceiling in order to pull cable to the box?

Pil to

11. Why wouldn't you want to fasten data cables to electrical cables? To water pipes?

EMI /RFI shock horado

12. What type of cable is usually thought of as "riser" cable?

MR

13. List some precautions that should be followed when running vertical copper cabling:

the to wind prost be occured properly of pull age is good conditions to the second - need brake should be used for lovering calle - Don't Jamese South of colle

- 14. What is a "service coil"? What type of cable normally has a service coil?
- 15. When using a swivel to pull large fiber optic cable, what is the maximum pulling load?
 - 16. What is another name for self-supporting aerial cable?

Progres 8

17. What should be	done to outside	cables to	ensure lightning	protection?
			_	Car of

grounded , I electrical outlates den comes in to a builting

18. What is the maximum distance an outside plant cable should come inside a building?

15 m (50 ft)

- 19. Why is plenum rated cable required for plenum areas?

po toxis gazes aron't released throughout the brailding

20. What is the order of cable, from least fire conducive to most?

General beact
Plenum
Plenum

21. What does the UL rating of CMP mean? What is the difference between CMP and CM cables?

Con in special purpose, and is planting.

22. If a cable is pulled through a firewall, what must you do in order to maintain the integrity of the firewall?

usi firestop

23. What are the types of firestops and what is each made from?

elastrometic - Clexible with hill nechanical - and in combail conventations - Day ponder and will water, used will mesonary intermesant - expend when heated

24. What does "cutting over" mean?

trusferring existing pervices to a new calle on ten

25. If there is existing data cable in conduits, what is a good way to run new cable down the same piece of conduit?

the the new colle to the old calle and pull it