
नाम

Name : _____

अनुक्रमांक

Roll No : _____

पाठ्यक्रम

Course : _____

दिनांक

Date : _____

प्राप्त अंक

Marks Awarded : _____

अनुदेशक का अधाक्षर

Instructor Initial : _____

OBJECTIVE: At the end of the Lab session, you will learn about following types of Copper Cables and their Termination as used in Railways

Different types of cables and their identification:

S.No.	Type of Cable	Identification of Pairs/Quads	Uses
1.	6 Quad Cable		
2.	PIJF Cable		
3.	Field Service Cable		
4.	Switch Board Cable		
5.	UTP CAT 6 Cable		
6	STP CAT 6 Cable		
7.	Drop wire		

REVIEW QUESTIONS:

Q1. Identify the Quads in the given 6 Quad Cable and write the colour coding?

QUAD No.	COLOUR OF CONDUCTOR INSULATION			
	A-WIRE	B-WIRE	C-WIRE	D-WIRE
1				
2				
3				
4				
5				
6				

Q2. Identify and write the colour coding of the given 20 pair PIJF Cable?

	White	Red	Black	Yellow
Blue				
Orange				
Green				
Brown				
Slate				

Q3. What are the differences between 6 Quad cables and PIJF (Pair) cables?

Q4. Perform the following activities

- a) Termination of given cables on the Krone block
- b) Crimping of RJ-45 with CAT 6 Cable.

Q5. Note down the markings available on 6 Quad cable at every 1 meter?

Date:

Signature of Trainee