

Signalling Revision Questions: Interlocking (& panels)

Note: some relays vary depending on which interlocking is used and also the age of installation

1. Relays PBCR & PBPR prove two different things, what are they?
2. What is the purpose of a DJR hold key switch (found on the emergency panel)?
3. What is the main difference between a 'NX' panel and a 'turn & push panel'?
4. How would you know when a signal is timing out on the panel?
5. What is the DZR and what is its purpose?
6. What is the purpose of a (TFR) relay?
7. Each track circuit (in the interlocking) has a relay that drops when the white lights (the route lights) light up to indicate a route has been set, what is that relay?
8. What is meant by cascading?
9. What is purple wire used for in the interlocking?
10. What is the CR relay in relation to points & what does it do?
11. What is the DCR relay and what is its sole purpose?
12. BX is pos, but what is FBX?
13. What is geographical interlocking?
14. On the panel, what happens to an entrance button when you press it and what relay picks which starts off the process?
15. What relay is associated with every entrance button, which will state that the system is back to normal (when the entrance button is pulled/turned to cancel)?
16. (from question above) Will that relay be up or down to signify the normalisation?
17. What happens to the entrance button when all conditions are met and the signal can clear?
18. What happens when two entrance buttons are pressed at the same time?
19. What happens when a destination button is pressed that is unavailable?
20. What is the meaning of relay (FM)R?
21. On the panel, a single white light is over an end of points, when would this light up?
22. On the panel, what would signify the overlap track and the end of it?
23. What is a 'swinging overlap' and where would one be found?

24. What is the ALSR relay and what does it do?