

### **Subjective questions on MRT-8**

1. What are the various track components, describe.
2. What is sleeper, what is its function and what are the various type of sleepers used in Indian Railway.
3. What is rail, what are its types as per design? What are the various defects observed on the rail?
4. What are the various rolling stock parameters related to movement on track.
5. What is an accident, what are the classifications of accident in railways?
6. What are points to be recorded at the site of accident?
7. What is the roll of first official reaching at the site of accident?
8. What are the mechanical factors causing accidents?
9. What is disaster in context to railway? What are the features of existing disaster management system in Railways?
10. What are various constituents of disaster management, explain.
11. What are recommendations of high level safety committee in railways, describe.
12. What is the importance of civil defense organization in India? How a disaster condition is tackled by this organization.
13. What is first aid, why it is important for every person to know about it?
14. What are various rescue techniques adapted at the site of accident.
15. What are various level of accident enquiry conducted in Indian Railway, briefly describe.
16. What are the duties of on board staff at site of accident?
17. What is fire fighting? Explain various aspect of fire fighting at work place.
18. What are the duties of supervisors at the site of accident?
19. What are the important tools and equipments kept at ART?
20. What is ARME, what are the facilities available at ARME?
21. What is SPART, what are the basic units and facilities available at SPART?
22. What are the various equipments which are being checked and tested available at brake down crane.
23. What are the precautions taken by fire fighters during extrication process?
24. What is CPR, explain its method.
25. What is the purpose of civil defense organization, who can be member of it?
26. What are the different types of hooter codes used in Indian railway in case of accident, explain in detail.
27. What are the various types of track measurement taken in Indian railway for ensuring safe operation of trains?
28. What is golden hour? What are the activities being performed during golden hour for maximum relief of victims.
29. What is the various reading taken on rolling stock of railways for safe operation over track? Explain in detail.
30. Describe about features and main sub-system of brake down cranes used in Indian railway.