

## 1.4 INSPECTION

Stages of inspection as follows,

### A. Inspection

Collect data at specified intervals in specified form.

### B. Analysis

- i. Add latest information to database
- ii. Examine progression of defects
- iii. Relate defects to action criteria

### C. Action possibilities

- i. Note and wait for the next inspection
- ii. Alter inspection frequency
- iii. Institute repairs
- iv. Further detailed investigation
- v. Put safety procedures in place

### Inspection periods

Pre-monsoon period

Monsoon period

Post-monsoon period

### Pre-monsoon period

To decide the maintenance programmer to be done before monsoon such as cleaning of drains, checking of roof leakage, collection material etc

### Monsoon period

It is needless to mention that the emergency work carried out in monsoon period.e.g: railway tracks, collapse of roof etc.

### Post-monsoon inspection

It is made to repair the damage caused by water and draw up the programme of repair according to the priorities.

## **MAINTENANCE PROCESSES**

Design for maintainability  
Preventive maintenance  
Predictive maintenance  
Reliability centered maintenance  
Reactive maintenance  
Spares management  
Maintenance logistics support  
Total productive maintenance  
Organizing for maintenance  
Computerized maintenance management program  
Statutory requirements

### **Inspection of building**

Condition of wall paint  
Condition of paint on woodwork and grill  
Condition of flooring  
Roof leakage, leakage etc  
Condition of service fittings  
Drainage from terrace  
Growth of vegetation  
Structural defects like Crack, Settlement, and Deflection