

Ques 2- Define MTBF and MTTR.

Ans → MTBF → Mean Time between failures is a metric that concerns the average time elapsed between a failure and the next time it occurs. These laps of time can be calculated by using a formulae.

$$MTBF = \frac{\text{Total time of correct operation in a period}}{\text{number of failures.}}$$

MTTR → Mean time to repair, is the time it takes to run a repair after the occurrence of the failure. That is, it is the time spent during the intervention in a given process.

$$MTTR = \frac{\text{Total hours of down time caused by system failure}}{\text{number of failures.}}$$