b) MTTR & MTTF

* MTTR :-

Mean Time To Repair (MTTR) is the Time needed to repair a failed hardware module. In an operational system, repair generally means replacing a failed hardware part. Thus, hardware MTTR could be viewed as mean time to replace a failed hardware module. Generally, however, customers will inqure about the turn-arround time of repairing a product and indirectly, that can fail into the MTTR category.

* MTTF :-

It is a basic measure of reliablity for non-repairable systems. It is the time expected until the first failure of a piece of equipment. MTTF is a statistical value and is meant to be the mean over a long period of time and a large number of units. Technically, MTBF should be used only in refrence to a repairables, item, while MTTF should be used for non-repairable items. However, MTBF is commonly used for both repairables and non-repairable items