

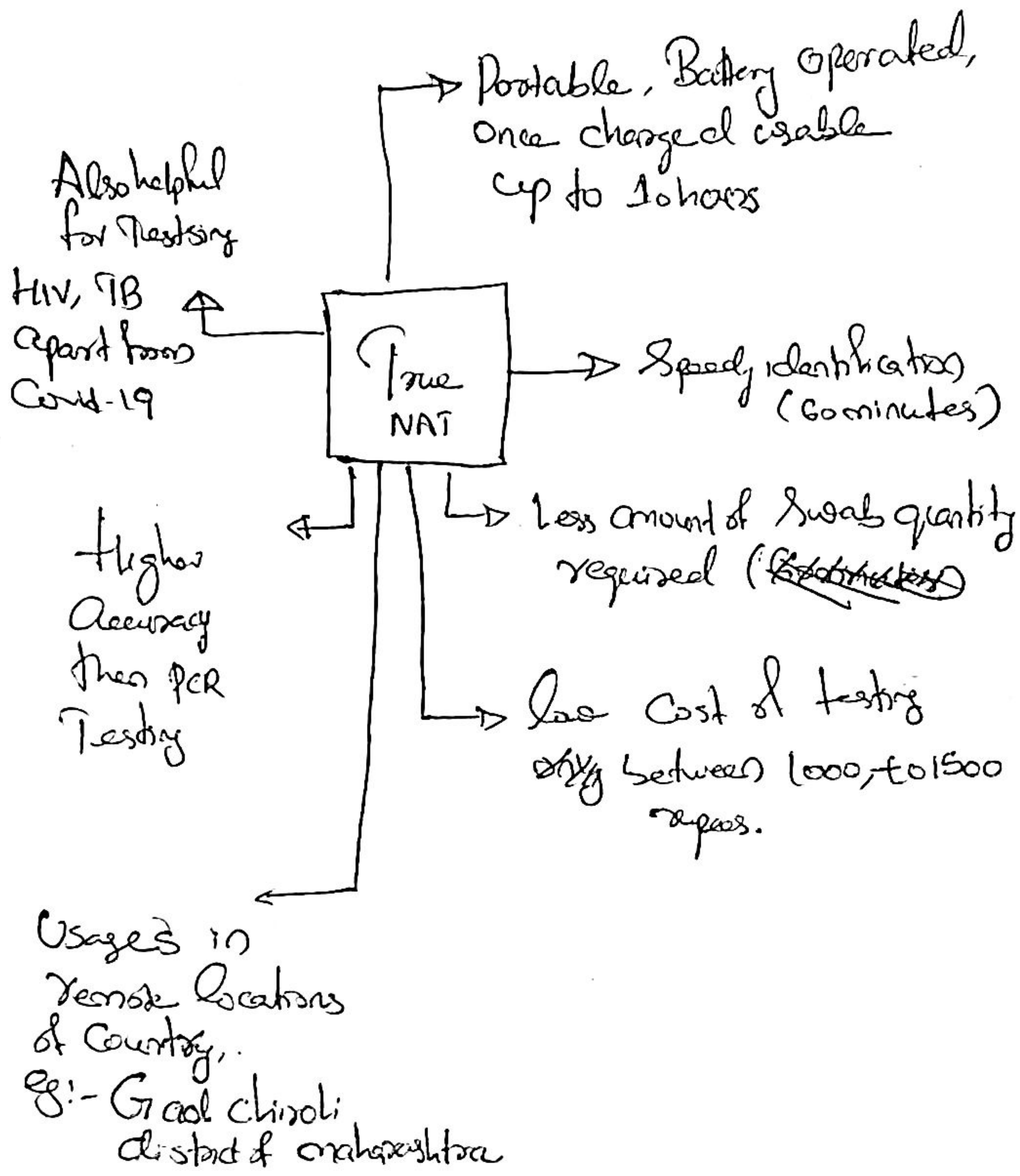
Q) Indian Council of Medical Research's Approval to use True Nat Machines for detecting the Covid-19 cases is a "Significant decision" to tackle the Crisis. Discuss (100 words)

Ans:- Recently Indian Council of Medical Research (ICMR) approved the usage of "TRUE NAT" machine developed by Goa based Molbio Diagnostics for detecting Covid-19 cases. The machine actually ~~developed~~ developed for diagnosis of tuberculosis but it also helpful for Covid-19 Pathogen detection.

TRUE NAT

Battery operated testing machine is helpful to detect RdRp enzyme found in Virus RNA, then ICMR has ruled this tests can be treated as a Confirmation for the presence of the Novel Coronavirus.

The Novel Coronavirus have only RNA not DNA molecule, In PCR testing the RNA molecule converts in to DNA then checks will be Conducted, then it takes more time than True Nat machine ^{In Instant} and require less amount of testing Swab than PCR testing, provide results in 1 hour with low cost.



Way forward

The main action required to Control Pandemic Covid-19, is fast detection and isolation of Patients as soon as possible. The recent curve of LMR is welcoming one, as the same time Government should invest more on Research process for developing medicines for Pandemics also.