

## CA - N (Network) Assignment - 2.

Real-world Application of Parallel Computing

Application :- Weather Forecasting Systems

~~Hospital~~ uses Parallel Computing use

~~weather Prediction~~

\* Speed up image reconstruction and analysis by processing multiple image slices simultaneously

\* Uses multiple processors / cores for faster diagnosis

Network System use

Connects diagnostic machines with hospital server and doctor

Enables real-time sharing of reports, images and remote consultations

Importance

Ensures quick, accurate and life-saving diagnosis

Provide faster access to patient data and AI-based analysis.