## ANDHRA PRADESH PUBLIC SERVICE COMMISSION:: VIJAYAWADA

## ASSISTANT ELECTRICAL INSPECTORS IN A.P. ELECTRICAL INSPECTORATE SERVICE

## PAPER-2 ELECTRICAL ENGINEERING

## REVISED KEY

128. The  $Y_{\text{BUS}}$  matrix of a 100-bus interconnected system is 90% sparse. Hence the number of transmission lines in the system must be

450