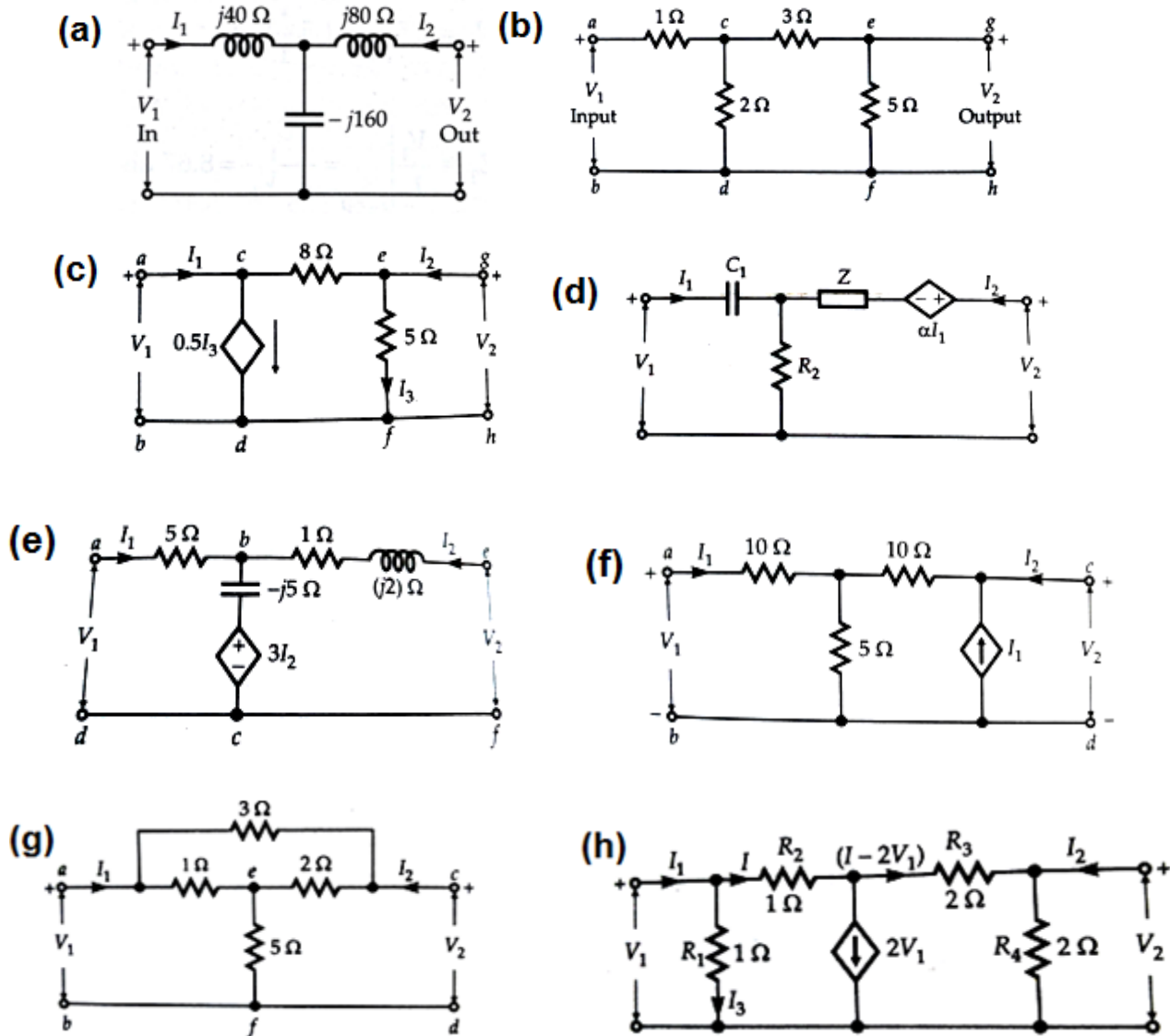1. (A) Find (i) Open circuit impedance parameter (Z parameter)
   (ii) Short circuit admittance parameter (Y parameters)
   (iii) Transmission parameters (ABCD parameters)
   (iv) Hybrid parameters (h-parameters)

   For the following circuits.

(B) Also identify which network is Symmetrical and which network is reciprocal.

2. Obtain the condition of reciprocity for
   (i) Open circuit impedance parameter (Z parameter)
   (ii) Short circuit admittance parameter (Y parameters)
   (iii) Transmission parameters (ABCD parameters)
   (iv) Hybrid parameters (h-parameters)
3. Obtain the condition of symmetry for
   (i) Z parameters
   (ii) Y parameters
   (iii) ABCD parameters
   (iv) h-parameters