## **ANSWERS – VOLUME2: STRESSES, STRAINS, DISPLACEMENTS**

Chapter 7, Deformation of Trusses

Remarks: See § 7.2, pages 488 to 504

## Answer:

a) All member forces are zero with the exception of AC.
F<sub>AC</sub> = -60√2kN ΔL<sub>AC</sub> = 16.97mm
b) u<sub>x:C</sub> = 12mm; u<sub>y:C</sub> = -36mm
c) u<sub>x:G</sub> = 12mm; u<sub>y:G</sub> = -24mm