## **TEST**

- 1. What is the forward kinematics problem for a robotic arm?
- 2. What is the inverse kinematics problem for a robotic arm?
- 3. Why is it important to indicate the coordinate frame in which a vector is expressed?
- Three frames [A], (B) and (C) are shown in the figure below. Determine the following 4 × 4 homogenous transformation matrices:
  - a. AT
  - b.  ${}_{c}^{A}T$
  - c.  $\tilde{c}T$

