1. Comparing 4-factor PCC to 3- Factor PCC, what factor is not included in the “3”?
2. II
3. VII
4. IX
5. X
6. We consider anticoagulation to have resolved fully after \_\_\_\_\_half-lives have lapsed:
   1. Four
   2. Five
   3. Six
   4. Two
7. What differentiates major bleeding vs. non-major?
   1. Hemodynamically unstable
   2. Requires transfusion ≥ 2 units
   3. Decrease of hemoglobin ≥ 2 g/dL
   4. All of the above
8. When reversing the effects of warfarin, vitamin K is not needed when administering FFP or KCentra
   1. True
   2. False
9. Which of the following routes of administration is not appropriate for a bleeding patient?
   1. IV
   2. SQ
   3. PO
   4. IM
10. The correct full dose of idarucizumab is:
    1. 2.5 gms
    2. 5 gms
    3. 7.5 gm
    4. 50 units/kg
11. In general, the maximum dose of vitamin K for warfarin reversal is:
    1. 5mg
    2. 10mg
    3. 15mg
    4. 20mg
12. What anticoagulation agent may utilize hemodialysis as a form of reversal?
    1. Apixaban
    2. Rivaroxaban
    3. Dabigatran
    4. Warfarin
13. What agent is specifically used to directly reverse the effect Rivaroxaban and Apixaban
    1. Idarucizumab
    2. 4-factor PCC
    3. Andexanet afla
    4. Phytonidione

10. True or False: Obtaining and administering reversal agents must not delay resuscitation and local hemostatic measures.

**a.** True

b. False