1. Disseminated intravascular coagulation (DIC) is most commonly associated with which of the following disease states?
   a. heart failure
   b. sepsis
   c. drug use
d. psoriasis

2. The most problematic process accounting for excessive bleeding and clotting in DIC is:
   a. an increase in lactic acid production
   b. consumption of coagulation factors and excessive fibrin degradation
c. decreases in hemoglobin and hematocrit
d. excess production of activated protein C

3. The treatment options for DIC include:
   a. antibiotics
   b. source control
   c. mechanical ventilation
d. albumin

4. The intrinsic and extrinsic pathways relate to:
   a. the process of anaerobic metabolism
   b. the coagulation process
c. glycolysis
d. Krebs cycle

5. Abnormal lab values associated with the development of DIC include:
   a. increased blood glucose and hemoglobin
   b. increased fibrin degradation products and decreased fibrinogen
c. decreased red blood cell count and increased red blood cell count

6. A sign/symptom that may alert the nurse to the development of DIC is:
   a. edema in the ankles
   b. an abnormal Allen’s test
c. ecchymosis
   d. sudden paralysis of the extremities

7. The predominant factor in the process of coagulation is the formation of:
   a. thrombin
   b. creatinine
c. glucose
d. lipids

8. What two inherently connected processes protect the individual from infection and hemorrhage?
   a. gluconogenesis and glycolysis
   b. lipolysis and fibrinolysis
c. inflammation and coagulation
d. sepsis and diabetes

9. While there is a poor documentation of the incidence of DIC, it is estimated to cause what percentage of bleeding disorders?
   a. 16%
   b. 27%
c. 33%
d. 50%

10. In the process of DIC, excessive clot formation at the capillary site causes:
    a. hematomas
    b. myocardial infarction
c. cellular ischemia and tissue damage
d. an increase in stem cells

**Evaluation**

1. I can list specific blood factors related to the development of DIC.
   a. strongly agree
   b. agree
   c. neutral
d. disagree
   e. strongly disagree

2. I can identify risk factors, disease processes and signs and symptoms associated with the development of DIC.
   a. strongly agree
   b. agree
   c. neutral
d. disagree
   e. strongly disagree

3. I can discuss available treatment options and nursing implications for care of the patient with DIC.
   a. strongly agree
   b. agree
   c. neutral
d. disagree
   e. strongly disagree

4. The objectives relate to the overall goal of the article.
   a. strongly agree
   b. agree
   c. neutral
d. disagree
   e. strongly disagree

5. The article is well-written and logically organized, and defines terms adequately.
   a. strongly agree
   b. agree
c. neutral
d. disagree
   e. strongly disagree

**Disseminated Intravascular Coagulation**

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2. A B C D E
3. A B C D E
4. A B C D E
5. A B C D E

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