

**Module 4 Exam**

**Question 1**

2.5 / 2.5 pts

The three stages of hemostasis include each of the following except:



Vascular constriction



Vascular dilation



Formation of platelet plug



Blood coagulation

### Question 2

2.5 / 2.5 pts

Which of the following are natural anticoagulants? Select **all** that apply.



Factor II



Factor VII



Factor IX



Factor X



Protein C



Protein S

### Question 3

2.5 / 2.5 pts

Which of the following is NOT a hypercoagulable state? Select **all** that apply.



Oral contraceptive use

Mutation of prothrombin gene

Hemophilia A

Hemophilia B

Immobility

#### Question 4

2.5 / 2.5 pts

Which of the following defects is associated with hemophilia A?

Deficiency of hemoglobin S

Deficiency of hemoglobin A

Defective gene in the X chromosome

Defective gene in the Y chromosome

#### Question 5

2.5 / 2.5 pts

In which of the following ways is blood flow NOT negatively affected?

Blood viscosity

Diameter of the vessel

Low hematocrit

Compliance

**Question 6**

2.5 / 2.5 pts

Which of the following does NOT affect the heart's ability to increase its output?



Preload



Afterload



Cardiac contractility



Cardiac reserve



Heart rate

**Question 7**

2.5 / 2.5 pts

Which of the following is true of the renin-angiotensin-aldosterone system?



Angiotensin I is converted to angiotensin II in the kidneys



Angiotensin II is a potent vasodilator



Angiotensin II increases sodium reabsorption in the kidney by stimulating the secretion of aldosterone



The PVR is decreased

**Question 8**

2.5 / 2.5 pts

Which of the following does NOT lead to an increased risk for DVT? Select **all** that apply.



Factor V Leiden mutation

Obesity

Non-smoker

Sepsis

### Question 9

2.5 / 2.5 pts

Multiple Choice

Which of the following symptoms is NOT associated with iron deficiency anemia?

Pica

Fatigue

Neurologic changes

Brittle hair and nails

### Question 10

2.5 / 2.5 pts

Multiple Choice

What are the two major causes of microcytic anemias?

Iron deficiency anemia, Vitamin B12 deficiency

Vitamin B12, Folate deficiency

Iron deficiency anemia, Thalassemias