**The City School**

 **North Nazimabad Boys Campus**

**Chemistry class 9**

**Date: 09-04-2016**

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Q.1.choose the best answers:

1. Which of the following white blood cells is capable of phagocytosis?

**a)**Basophil

**b)**Eosinophil

**c)**Lymphocyte

**d)**Neutrophil

1. What would happen to red blood cells if the haem group were removed from haemoglobin?

**a)**Red blood cells would not be able to bind oxygen.

**b)**Red blood cells would not be able to reproduce.

**c)**White blood cells would not be able to reproduce.

**d)**Blood clot formation would be inhibited.

1. The hormone erythropoietin stimulates red blood cell production in the red bone marrow. Where in the body is erythropoietin produced?

**a)**Spleen

**b)**Kidney

**c)**Liver

**d)**Thyroid

1. Which of the following statements about erythrocytes is correct?

**a)**They fight infection.

**b)**They clot blood.

**c)**They lack a nucleus.

**d)**They are produced in the spleen.

1. Where does haematopoiesis take place?

**a)**Lungs

**b)**Pancreas

**c)**Liver

**d)**Bone marrow.

1. The formation of a blood clot is known as which of the following?

**a)**Coagulation

**b)**Chemotaxis

**c)**Leucopoiesis

**d)**Erythropoiesis

1. Which of the following is the function of white blood cells?

**a)**Transport oxygen.

**b)**Maintain homeostasis.

**c)**Defend against infection.

**d)**Produce haemoglobin

1. An increased white blood cell count is indicative of which disease?

**a)**Lupus

**b)**Leukaemia

**c)**Anaemia

**d)**Melanoma

Q.2. what is the difference between arteries and veins?