



Benha University
Faculty of Science
Department of Zoology

Genetic Diseases and Genetic Blood Diseases

Date: May/2016

Prof.Dr. M.Zowail

Exam time:3 hours

Second Semester
Premaster Exam

Answer the following questions

Q1-Define the following items:

- a) Thalassemia
- b) Idiopathic pancreatitis
- c) Hemolytic anemia
- d) Rhino sinusitis
- e) Kennedy's disease
- f) Spherocytosis

Q2-What are the genes related to these disorders:

- a) Von willebrand disease.
- b) Sickle cell anemia.
- c) Rh deficiency syndrome.
- d) Bloom syndrome.

Q3-Write on the classification of:-

- a) Thalassemia
- b) Von willebrand disease
- c) Rh deficiency syndrome.

Q4- Write on the signs and symptoms of the following:

- a) Sickle cell anemia
- b) Beta-Thalassemia
- c) Cystic fibrosis.

With my Best Wishes

Prof.Dr.M.Zowail