



Department of Pathology
Azra Naheed Medical College

Hematology, 16 Aug 2018

(MBBS. 4th Year) 2018

(Pathology-Subjective Part)

Time Allowed: 60 min

Total Marks: 40

Name: _____

Roll No: _____

Date: _____

Refer
Repeat
12 BC'S

Q. 1 a) Give the pathophysiological classification of anemias. (05)

b) Discuss the lab diagnosis of megaloblastic anemia (05)

Q. 2 A 50 years old male patient develops generalized lymphadenopathy with low grade evening pyrexia. Biopsy of lymph nodes shows effacement of architecture with scattered classic reed Sternberg (RS) cells in a polymorphous background

a) What is the diagnosis? 01

~~Hodgkin~~ Hodgkin's

b) Enumerate its 5 subtypes. Describe the morphology of RS cells. 04

c) Tabulate the clinical differences between Hodgkin and Non Hodgkin lymphoma. 05

Q. 3 a) Discuss the pathophysiology of thalassemia. 07

b) What is the clinical significance of Philadelphia chromosome? 03

Q. 4 A 5 years old African child presented with a swelling at angle of jaw which is rapidly increasing in size. It is associated with weight loss and anemia, biopsy of mass reveals microscopic appearance described as starry sky picture.

a) What is the diagnosis? 01

Burkitt lymphoma

b) Give revised FAB classification of AML. 05

c) Discuss the lab diagnosis of DIC. 04