

PATHOLOGY AND MICROBIOLOGY

NOVEMBER 2013

Total Duration: Section A + B + C: 3 Hours

Section B & C Marks : 50

SECTION -B General Pathology

Brief answer questions : (5x3=15)

- a) Enumerate causes of eosinophilia with diagram.
- b) Write a short note on tuberculous granuloma with diagram
- c) Write a short note on squamous cell carcinoma of oral cavity.
- d) Define thrombosis. Write in brief about fate of a thrombus.
- e) Enumerate differences between benign and malignant neoplasm.

3. Long answer questions :
(1x10=40)

Define anaemia. Describe in details various tests done in a case of iron deficiency anaemia.

SECTION C

Microbiology

4. Brief answer questions: (5X3=15)

- a) Bacterial Growth Curve.
- b) Enumerate three diagnostic tests for syphilis and their principles
- c) Candida albicans
- d) Draw a well labeled diagram of Immunoglobulin G
- e) Enumerate six Opportunistic infections in HIV patients.

Long answer questions: (1x10=10)

Describe the morphology of Mycobacterium tuberculosis Write in brief about pathogenesis and laboratory of tuberculosis