

7

SEND-UP PATHOLOGY
4TH YEAR M.B.B.S
SECTION II: SEOs

MAX. MARKS: 70

TIME REQUIRED: 70 MIN

DATE: 22-10-2009

Attempt all questions. All questions carry equal marks.

1. a. Give FAB classification for Acute Leukemias (2)
b. How will you diagnose a case of chronic myeloid leukemia in the laboratory? (3)
2. a. What Laboratory workup is required for iron deficiency anaemia? (3)
b. What is the Laboratory diagnosis of a case of multiple myeloma? (2)
3. A 6yrs old boy comes to the emergency department with swollen and painful right knee joint. He also complains of frequent episodes of nose bleed and prolonged bleed after minor cuts.
a. What laboratory work-up is required to diagnose such a case? (3)
b. Write down the normal range of values for the tests to be carried out for this patient. (2)
4. a. Classify Pneumonias. (2)
b. Give the Lab. Diagnosis of Acute bacterial pneumonia. (3)
5. Give the diagnosis of tuberculous osteomyelitis. (5)
6. Give the etiology and laboratory diagnosis of bacterial endocarditis. (2 + 3)
7. What are biochemical changes in ARF. (5)
8. Define D.M. & what are characteristics features of Type -1 D.M. (5)
9. Write briefly, Cushing Syndrome & its diagnosis. (5)
10. a. Enumerate diseases associated with Helicobacter pylori infection. (2)
b. What is the mechanism of action of this organism in producing these diseases? (3)
11. a. A male of 48yrs age, who has been smoking a pack of cigarettes daily since last 20yrs, has noticed a white irregular patch on his oral mucosa, he tried to scrape it off but was not successful
i. What is the probable diagnosis? ($\frac{1}{2} + 1 + \frac{1}{2}$) (2)
ii. What would be the histologic findings of biopsy &
iii. What is the risk involved. (3)
b. Write down the gross & histologic morphology of Chron's disease effecting large gut. (3)
12. a. Classify germ cell tumours of ovary. (2)
b. Write down morphology of different varieties of Teratomas. (3)
13. a. Define Adenomyosis, what are its histological findings, and what are its clinical presentations in patients ($\frac{1}{2} + 1 + \frac{1}{2}$) (2)
b. Briefly explain pathogenesis of carcinoma cervix. (3)
14. a. A multiparous women of 45yrs has noticed that on her left breast there is an erythematous eruption & scaly pruritic crust formation on & around nipple. No obvious palpable mass identified underneath.
i. What is the probable diagnosis