

PATHOLOGY

2011
Paper-II
Full Marks 40

Use Separate answer script for each group

Attempt all questions. The figures in the margin indicate distribution of marks in each question.

Group – A

1. A 64 year old man who is a chain smoker is suffering from chronic cough. A 5 kg weight loss in last 3 months. Physical examination shows clubbing of fingers. A chest radiograph shows an ill-defined 3 cm mass involving left hilum of the lung. Serum calcium level is 12.3 mg/dl
 - (a) What is the provisional diagnosis?
 - (b) Describe the laboratory procedure for diagnosis of the case.
 - (c) Why serum calcium level is elevated in this case?

2+6+2

Group - B

2. Comment on any two of the following:
 - a) Serological markers of HBV induced Infective Hepatitis.
 - b) Fine Needle Aspiration Cytology of a thyroid nodule
 - c) Pancarditis in Rheumatic heart disease.

5x2

Group – C

3. Write the pathogenetic mechanism of any two of the following:
 - a) Ascites in Cirrhosis of liver
 - b) Diabetic nephropathy
 - c) Sequestrum leads to involucrum formation
4. Write short notes on (**any two**):
 - a) Seminoma of testes
 - b) Glycosylated hemoglobin (Hb A_{1c})
 - c) Cervical Intraepithelial Neoplasm
 - d) CSF in tuberculous meningitis

5x2

5 x 2