

The West Bengal University of Health Sciences
MBBS 2nd Professional Examination (Old Regulation) September 2022

Subject : Pathology
Paper : II

Full Marks : 40
Time : 2 hours

Attempt all questions. The figures in the margin indicate full marks.

1. A 60 year old man was brought to the emergency room following an episode of crushing retro-sternal pain with profuse sweating. An urgent ECG was done which showed ST segment elevation with deep Q wave.
 - a) What is the provisional diagnosis ?
 - b) What other laboratory investigations to be done for evaluation in this case ?
 - c) What are the gross and microscopic changes in the affected organ ? 1+4+5

2. Comment on **any two** of the following: 2 x 5
 - a) Neonatal respiratory distress syndrome.
 - b) Sequestrum and involucrum are not similar.
 - c) FNAC from a breast lump can differentiate between a benign and a malignant growth.

3. Answer **any two** of the following: 2 x 5
 - a) Complications of Atheroma.
 - b) Nephritic syndrome versus nephrotic syndrome.
 - c) Role of H.Pylori in the pathogenesis of peptic ulcer.

4. Write short notes on **any two** of the following: 2 x 5
 - a) Diagnosis of a suspected tubercular lymphadenopathy.
 - b) Dermoid cyst of ovary.
 - c) Giant cell tumour of bone.
 - d) Serological tests in a case of hepatitis B.