

6. Meckel's diverticulum. Where is it situated? in what percentage of cases does it occur, and what does it indicate?

7. Describe the calcaneo-cuboid articulation, giving a short description of the bones entering into its formation.

[Candidates are required to answer four questions only, including the first two.]

PATHOLOGY.

Examiners: Prof. J. G. ADAMI, M.A., M.D., M.R.C.S.
H. A. LAFLEUR, B.A., M.D.

[Five questions only to be attempted.]

1. Define inflammation. What is the structure of granulation tissue? What is the part played by leucocytes in the healing of suppurating wounds?

2. State the causes of amyloid degeneration, and the organs and portions of these organs that are liable to be affected by this degeneration?

3. Enumerate the calculi that may occur in the bladder. What explanation is given of the imperfect crystalline appearance of the components of many of these calculi? How do you account for the replacement of amorphous urates by uric acid.

4. Describe the events that may follow the plugging of a small artery (a) of a limb, (b) of the kidney, (c) of the myocardium.

5. What is the macroscopic and microscopic condition of the parts that you would expect to find in an autopsy in a case of pernicious anaemia? How does an examination of the blood help us to distinguish between chlorosis, pernicious anaemia and the anaemia that follows haemorrhage.

6. Mention the factors, predisposing and otherwise, that bring about the condition of diabetes mellitus? State the evidence upon which is based our knowledge of the form known as 'pancreatic' diabetes.

7. What do you understand by the term 'malignancy' as applied to a tumor? Give examples showing the correlation between the stage of development reached by the cells of a neoplasm and the malignancy of the same. What is known as to the parasitic causation of cancer?

8. Describe briefly the organisms associated with (a) typhoid, (b) malaria and (c) actinomycosis. Give examples of bacteria that, having only a local growth in the body, produce general symptoms. How is this action to be explained?

PHARMACOLOGY AND THERAPEUTICS.

Examiners: Prof. A. D. BLACKADER, M.D.
Prof. JAMES STEWART, M.D.

1. Describe briefly the following drugs: valerian, catechu, squills, barchu. Name the official preparations of them, and state the dose of each.