

D.C.P.

PARKOT: WINTER - 2016

PAPER - I

SUBJECT: CLINICAL PATHOLOGY, CHEMICAL PATHOLOGY & CLINICAL MICROBIOLOGY

Day : Saturday
Date : 03/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

- 1) Q. 1 and Q. 2 are **COMPULSORY**.
- 2) Attempt **ANY SEVEN** questions from Q. 3 to Q. 10.
- 3) Figures to the right indicate **FULL** marks.

- Q.1 Write in detail about examination of faeces. [15]
- Q.2 Give an account of normal C.S.F. findings and write about laboratory diagnosis of different types of meningitis. [15]
- Q.3 Write in detail about laboratory diagnosis of diabetes mellitus. [10]
- Q.4 Describe diagnostic tests for HIV infection. [10]
- Q.5 Describe laboratory methods of diagnosis of tuberculosis. [10]
- Q.6 Write a note on blood urea and serum creatinine. [10]
- Q.7 Write a note on the Bethesda system for cervical cytology. [10]
- Q.8 Describe laboratory diagnosis of malaria. [10]
- Q.9 Describe microscopic examination of urine. [10]
- Q.10 Give an account of indications, methods and interpretation of semen analysis. [10]

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PAPER - II

SUBJECT : HAEMATOLOGY, BLOOD TRANSFUSION & IMMUNOLOGY

Day : Monday
Date : 05/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

- 1) Q. 1 and Q. 2 are **COMPULSORY**.
- 2) Attempt **ANY SEVEN** questions from Q. 3 to Q. 10.
- 3) Figures to the right indicate **FULL** marks.

- Q.1 Write etiological classification of anemia. Describe pathophysiology of iron deficiency anemia. [15]
- Q.2 Enumerate the causes and describe laboratory diagnosis of disseminated intravascular coagulation. [15]
- Q.3 Write a note on rational use of blood. [10]
- Q.4 Classify hypersensitivity reactions. Write a note on type I reaction. [10]
- Q.5 Write a note on Bombay blood group. [10]
- Q.6 Write a note on multiple myeloma. [10]
- Q.7 Describe the role of micro-organisms in causation of lymphoma-leukemia. [10]
- Q.8 What are leuko erythroblastic reactions? Discuss various causes producing it. [10]
- Q.9 Describe laboratory diagnosis of thalassemia. [10]
- Q.10 Describe indications of bone marrow transplant. [10]

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PARKOT: WINTER - 2016
PAPER – III
SUBJECT: HISTOPATHOLOGY & MORBID ANATOMY

Day : Wednesday
Date : 07/12/2016

Time: 2.00 P.M. TO 5.00 P.M.
Max. Marks: 100

N.B.:

- 1) Q. 1 and Q. 2 are **COMPULSORY**.
- 2) Attempt **ANY SEVEN** questions from Q. 3 to Q. 10.
- 3) Figures to the right indicate **FULL** marks.

- Q.1** Enumerate premalignant lesions seen in the gastrointestinal tract. Add a note on gross and microscopic appearances of carcinoma of stomach. [15]
- Q.2** Write in detail etiopathogenesis of thrombosis and morphology of a thrombus. [15]
- Q.3** Classify bone tumours. Describe osteosarcoma. [10]
- Q.4** Describe pathogenesis of alcoholic liver disease. [10]
- Q.5** Classify occupational lung diseases. Describe any one of them. [10]
- Q.6** Describe prognostic factors of carcinoma of breast. [10]
- Q.7** Write in short about Gaucher disease. [10]
- Q.8** Discuss pathogenesis of amyloidosis. Enlist various special stains used for demonstration of amyloid. [10]
- Q.9** Write a note on use of immunohistochemistry in diagnosis of small round cell tumours. [10]
- Q.10** Describe chemical mediators of inflammation. [10]

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